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ABSTRACT

This is one of three volumes presenting the procedures and results of a research effort investigating the effects upon student outcomes of training teachers to implement individual study and self-directed study in their classrooms. In this volume correlation matrices drawn from tests of student variables and achievement are presented. Item statistics for student measures are also presented. (JD)

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Effective Teacher Education Program

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THE EFFECTS OF AN INDEPENDENT LEARNING SYSTEM ON STUDENT ACHIEVEMENT AND ATTITUDES

Volume II: Correlation Matrices of Student Variables and Item Statistics for Student Measures

George Stanton, Robert Trinchero, Earl Mortensen, Andrea Lash, Beatrice Ward

REPORT A76-8

Far West Laboratory for Educational Research and Development

1855 FOLSOM STREET ~ SAN FRANCISCO, CALIFORNIA 94103 ~

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INTRODUCTION

This is one of three volumes describing the procedures and results of the Independent Learning Study. Volume I presents the method and results of the study. In this volume we present correlation matrices of the student variables and item statistics for student measures. Volume III contains a copy of the test instruments, observations, and interviews used in this study along with scoring keys for each measure.

ABBREVIATIONS

The following abbreviations are used in the item statistics tables:

p's	=	Mean score for total sample
adj p's	=	Mean score for subjects who actually responded to the item
n.s. bis	=	Non-spurious biserial correlation; i.e., the correlation between the items response and total score on the remaining items
serial correl	=	Biserial correlation
percent nt	=	Percentage of students who did not respond to the items
st. dev.	=	Standard deviation
err. meas	=	Error of measurement
item no.	=	Item number
item st. dev.	=	Item standard deviation

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Grade Four

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

VARIABLE	CASES	MEAN	STD DEV
T1	185	33.7500	5.5668
T2	191	33.0471	6.6565
T3	189	34.0400	9.3158
T4	191	33.9292	9.6816
T5	189	27.8228	4.4414
T6	191	27.8200	4.4314
T7	189	28.3069	5.2695
T8	191	29.4501	5.8742
T9	189	39.1852	7.9679
T10	191	38.9152	9.2965
T11	191	69.4016	13.0191
T12	191	69.9944	14.1286
T13	186	13.3495	7.6166
T14	187	10.2995	4.2091
T15	189	13.8889	5.1399
T16	189	7.7090	3.4479
T17	190	9.3737	3.3559
T18	191	28.7016	4.4270
T19	191	28.2452	3.6044
T20	191	21.1301	3.9111
T21	191	24.6094	3.4183
T22	191	11.0681	1.8224
T23	34	51.0735	4.2114
T24	34	49.8059	3.2014
T25	34	51.0441	4.3193
T26	34	50.4441	3.7573
T27	191	7.4188	1.9554
T28	101	8.6238	1.7992
T29	191	8.7906	1.3758

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NCRARE (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - -

	T1	T2	T3	T4	T5	T6	T7	T8	T9
T1	1.0000 (0) S=0.001	0.3496 (189) S=0.001	0.5139 (189) S=0.001	0.2753 (189) S=0.001	0.5391 (189) S=0.001	0.2771 (189) S=0.001	0.2577 (189) S=0.001	0.1318 (189) S=0.035	0.2568 (189) S=0.001
T2		1.0000 (0) S=0.001	0.3139 (189) S=0.001	0.5567 (191) S=0.001	0.2137 (189) S=0.002	0.5181 (191) S=0.001	0.0835 (189) S=0.127	0.3952 (191) S=0.001	0.0567 (189) S=0.219
T3			1.0000 (0) S=0.001	0.5639 (189) S=0.001	0.7004 (189) S=0.001	0.4294 (189) S=0.001	0.5725 (189) S=0.001	0.1699 (189) S=0.010	0.0857 (189) S=0.121
T4				1.0000 (0) S=0.001	0.3578 (189) S=0.001	0.7351 (191) S=0.001	0.3285 (189) S=0.001	0.4564 (191) S=0.001	0.0655 (189) S=0.185
T5					1.0000 (0) S=0.001	0.4515 (189) S=0.001	0.4786 (189) S=0.001	0.2600 (189) S=0.001	0.3146 (189) S=0.001
T6						1.0000 (0) S=0.001	0.3019 (189) S=0.001	0.5896 (191) S=0.001	0.2017 (189) S=0.003
T7							1.0000 (0) S=0.001	0.2135 (189) S=0.002	0.1034 (189) S=0.078
T8								1.0000 (0) S=0.001	0.2230 (189) S=0.001
T9									1.0000 (0) S=0.001

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S= LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - -

	T1	T2	T3	T4	T5	T6	T7	T8	T9
T10	0.2532 (189) S=0.001	0.2515 (191) S=0.001	0.1044 (189) S=0.076	0.2691 (191) S=0.001	0.3772 (189) S=0.001	0.5119 (191) S=0.001	0.0815 (189) S=0.133	0.3826 (191) S=0.001	0.5907 (189) S=0.001
T11	0.1865 (189) S=0.005	0.0722 (191) S=0.161	0.0539 (189) S=0.231	0.0487 (191) S=0.252	0.2872 (189) S=0.001	0.2100 (191) S=0.002	0.1157 (189) S=0.056	0.1757 (191) S=0.008	0.5112 (189) S=0.001
T12	0.1732 (189) S=0.009	0.0926 (191) S=0.101	0.0688 (189) S=0.173	0.1540 (191) S=0.017	0.2065 (189) S=0.001	0.3206 (191) S=0.001	0.0661 (189) S=0.183	0.2987 (191) S=0.001	0.4646 (189) S=0.001
T13	0.1649 (184) S=0.013	-0.0240 (186) S=0.373	-0.0319 (184) S=0.334	-0.1316 (186) S=0.037	0.2030 (184) S=0.003	0.0881 (186) S=0.116	-0.0087 (184) S=0.453	0.1510 (186) S=0.020	0.4556 (184) S=0.001
T14	0.0985 (185) S=0.091	-0.0076 (187) S=0.459	0.0083 (185) S=0.178	-0.0256 (187) S=0.364	0.1866 (185) S=0.005	0.0775 (187) S=0.146	-0.0210 (185) S=0.388	0.0926 (187) S=0.104	0.3213 (185) S=0.001
T15	0.1384 (187) S=0.029	0.0791 (189) S=0.139	0.0193 (187) S=0.397	-0.0376 (189) S=0.304	0.1949 (187) S=0.004	0.1095 (189) S=0.067	-0.0082 (187) S=0.456	0.1155 (189) S=0.057	0.4131 (187) S=0.001
T16	0.1449 (187) S=0.024	-0.0145 (189) S=0.421	0.0464 (187) S=0.264	-0.0627 (189) S=0.196	0.2306 (187) S=0.001	0.1549 (189) S=0.017	-0.0639 (187) S=0.193	0.1890 (189) S=0.005	0.2504 (187) S=0.001
T17	0.2303 (188) S=0.001	0.0262 (190) S=0.360	0.0738 (188) S=0.157	0.0196 (190) S=0.394	0.3139 (188) S=0.001	0.2516 (190) S=0.001	0.0789 (188) S=0.141	0.1677 (190) S=0.010	0.4498 (188) S=0.001
T18	0.1272 (189) S=0.041	0.1099 (191) S=0.064	0.0637 (189) S=0.192	0.0352 (191) S=0.295	0.1167 (189) S=0.055	0.1086 (191) S=0.067	-0.0810 (189) S=0.134	0.1881 (191) S=0.005	0.1820 (189) S=0.006

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - -

	T1	T2	T3	T4	T5	T6	T7	T8	T9
T19	0.2200	0.2259	0.1733	0.1655	0.3643	0.3711	0.1279	0.4207	0.3722
	(189)	(191)	(189)	(191)	(189)	(191)	(189)	(191)	(189)
	S=0.001	S=0.001	S=0.009	S=0.011	S=0.001	S=0.001	S=0.040	S=0.001	S=0.001
T20	-0.1475	-0.2141	-0.0247	-0.0390	-0.1780	-0.2758	-0.1865	-0.3255	-0.2810
	(189)	(191)	(189)	(191)	(189)	(191)	(189)	(191)	(189)
	S=0.021	S=0.001	S=0.368	S=0.296	S=0.007	S=0.001	S=0.005	S=0.001	S=0.001
T21	0.0883	-0.0184	-0.0211	-0.0160	0.0097	0.0822	-0.1246	0.0915	-0.0712
	(189)	(191)	(189)	(191)	(189)	(191)	(189)	(191)	(189)
	S=0.175	S=0.400	S=0.386	S=0.413	S=0.448	S=0.129	S=0.044	S=0.104	S=0.165
T22	0.0041	0.2281	-0.0200	0.1742	0.0182	0.1342	0.0094	0.2027	0.1342
	(189)	(191)	(189)	(191)	(189)	(191)	(189)	(191)	(189)
	S=0.478	S=0.001	S=0.392	S=0.008	S=0.402	S=0.032	S=0.449	S=0.002	S=0.033
T23	-0.1246	0.0796	0.4039	0.3318	-0.0685	0.0848	-0.2359	-0.0474	0.1103
	(33)	(34)	(33)	(34)	(33)	(34)	(33)	(34)	(33)
	S=0.245	S=0.327	S=0.010	S=0.028	S=0.352	S=0.317	S=0.093	S=0.395	S=0.271
T24	-0.0556	0.0066	0.2840	0.2462	-0.0271	0.1052	-0.1072	-0.0256	0.1771
	(33)	(34)	(33)	(34)	(33)	(34)	(33)	(34)	(33)
	S=0.379	S=0.485	S=0.055	S=0.080	S=0.441	S=0.277	S=0.276	S=0.443	S=0.162
T25	0.0149	-0.0259	0.3683	0.1576	0.0644	-0.1031	-0.0535	-0.0870	0.2418
	(33)	(34)	(33)	(34)	(33)	(34)	(33)	(34)	(33)
	S=0.467	S=0.442	S=0.017	S=0.187	S=0.361	S=0.281	S=0.384	S=0.312	S=0.088
T26	-0.0904	0.1129	0.3280	0.2760	-0.0810	-0.0691	-0.1635	-0.0443	0.1507
	(33)	(34)	(33)	(34)	(33)	(34)	(33)	(34)	(33)
	S=0.306	S=0.263	S=0.031	S=0.057	S=0.327	S=0.349	S=0.182	S=0.402	S=0.201
T27	0.0639	-0.0072	-0.1073	-0.0272	0.0830	0.1321	0.0935	0.1588	0.2916
	(189)	(191)	(189)	(191)	(189)	(191)	(189)	(191)	(189)
	S=0.191	S=0.461	S=0.071	S=0.354	S=0.128	S=0.034	S=0.100	S=0.014	S=0.001

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S= LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - -

	T1	T2	T3	T4	T5	T6	T7	T8	T9
T28	0.1799 (100) S=0.037	-0.0549 (101) S=0.300	0.1048 (100) S=0.150	-0.0422 (101) S=0.338	0.2049 (100) S=0.020	0.1465 (101) S=0.072	0.3476 (100) S=0.001	0.0823 (101) S=0.207	0.3657 (100) S=0.001
T29	0.0143 (189) S=0.423	-0.0094 (191) S=0.449	-0.0289 (189) S=0.346	0.0054 (191) S=0.471	0.0510 (189) S=0.243	0.0537 (191) S=0.099	0.0375 (189) S=0.304	0.0985 (191) S=0.088	0.2412 (189) S=0.001

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - -

	T10	T11	T12	T13	T14	T15	T16	T17	T18
T1	0.2532 (189) S=0.001	0.1865 (189) S=0.005	0.1756 (189) S=0.009	0.1649 (184) S=0.013	0.0985 (185) S=0.091	0.1384 (187) S=0.029	0.1449 (187) S=0.024	0.2363 (188) S=0.001	0.1272 (189) S=0.041
T2	0.2515 (191) S=0.001	0.0722 (191) S=0.161	0.0928 (191) S=0.101	-0.0240 (186) S=0.373	-0.0076 (187) S=0.459	0.0791 (189) S=0.139	-0.0145 (189) S=0.421	0.0262 (190) S=0.360	0.1699 (191) S=0.009
T3	0.1044 (189) S=0.076	0.0539 (189) S=0.231	0.0688 (189) S=0.173	-0.0319 (184) S=0.334	0.0683 (185) S=0.178	0.0193 (187) S=0.397	0.0464 (187) S=0.264	0.0738 (188) S=0.157	0.0637 (189) S=0.192
T4	0.2691 (191) S=0.001	0.0467 (191) S=0.252	0.1340 (191) S=0.017	-0.1316 (186) S=0.037	-0.0256 (187) S=0.364	-0.0376 (189) S=0.304	-0.0627 (189) S=0.196	0.0196 (190) S=0.394	0.0392 (191) S=0.295
T5	0.3772 (189) S=0.001	0.2872 (189) S=0.001	0.3065 (189) S=0.001	0.2030 (184) S=0.003	0.1866 (185) S=0.005	0.1949 (187) S=0.004	0.2306 (187) S=0.001	0.3139 (188) S=0.001	0.1167 (189) S=0.055
T6	0.5115 (191) S=0.001	0.2100 (191) S=0.002	0.3206 (191) S=0.001	0.0881 (186) S=0.116	0.0775 (187) S=0.146	0.1095 (189) S=0.067	0.1549 (189) S=0.017	0.2516 (190) S=0.001	0.1086 (191) S=0.067
T7	0.0815 (189) S=0.133	0.1157 (189) S=0.056	0.0661 (189) S=0.185	-0.0087 (184) S=0.453	-0.0210 (185) S=0.388	-0.0082 (187) S=0.456	-0.0639 (187) S=0.193	0.0789 (188) S=0.141	-0.0810 (189) S=0.134
T8	0.3826 (191) S=0.001	0.1757 (191) S=0.008	0.2987 (191) S=0.001	0.1510 (186) S=0.020	0.0926 (187) S=0.104	0.1155 (189) S=0.057	0.1890 (189) S=0.005	0.1677 (190) S=0.010	0.1881 (191) S=0.005
T9	0.5507 (189) S=0.001	0.5112 (189) S=0.001	0.4840 (189) S=0.001	0.4956 (184) S=0.001	0.3213 (185) S=0.001	0.4131 (187) S=0.001	0.3904 (187) S=0.001	0.4498 (188) S=0.001	0.1820 (189) S=0.006

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES -9-
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES. GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - -

	T10	T11	T12	T13	T14	T15	T16	T17	T18
T10	1.0000 (0) S=0.001	0.4049 (191) S=0.001	0.6259 (191) S=0.001	0.4326 (186) S=0.001	0.2805 (187) S=0.001	0.3897 (189) S=0.001	0.3310 (189) S=0.001	0.3794 (190) S=0.001	0.2353 (191) S=0.001
T11		1.0000 (0) S=0.001	0.5401 (191) S=0.001	0.3246 (186) S=0.001	0.2076 (187) S=0.002	0.2521 (189) S=0.001	0.2372 (189) S=0.001	0.3404 (190) S=0.001	0.0540 (191) S=0.229
T12			1.0000 (0) S=0.001	0.3642 (186) S=0.001	0.1489 (187) S=0.021	0.2470 (189) S=0.001	0.2087 (189) S=0.002	0.3373 (190) S=0.001	0.1009 (191) S=0.082
T13				1.0000 (0) S=0.001	0.5679 (183) S=0.001	0.6360 (184) S=0.001	0.6174 (184) S=0.001	0.5814 (185) S=0.001	0.2370 (186) S=0.001
T14					1.0000 (0) S=0.001	0.5317 (185) S=0.001	0.5305 (185) S=0.001	0.4786 (186) S=0.001	0.2208 (187) S=0.001
T15						1.0000 (0) S=0.001	0.5023 (188) S=0.001	0.6080 (188) S=0.001	0.2086 (189) S=0.002
T16							1.0000 (0) S=0.001	0.5667 (188) S=0.001	0.2789 (189) S=0.001
T17								1.0000 (0) S=0.001	0.2525 (190) S=0.001
T18									1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES -10-
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - -

	T10	T11	T12	T13	T14	T15	T16	T17	T18
T19	0.4924 (191) S=0.001	0.3157 (191) S=0.001	0.3965 (191) S=0.001	0.2993 (186) S=0.001	0.2335 (187) S=0.001	0.3396 (189) S=0.001	0.3421 (189) S=0.001	0.3822 (190) S=0.001	0.1932 (191) S=0.004
T20	-0.3758 (191) S=0.001	-0.1635 (191) S=0.006	-0.2365 (191) S=0.001	-0.2940 (186) S=0.001	-0.1983 (187) S=0.003	-0.2450 (189) S=0.001	-0.2503 (189) S=0.001	-0.3589 (190) S=0.001	-0.1325 (191) S=0.034
T21	-0.0158 (191) S=0.416	0.0603 (191) S=0.204	0.0284 (191) S=0.348	0.1571 (186) S=0.016	0.0584 (187) S=0.214	-0.0904 (189) S=0.108	0.1354 (189) S=0.032	0.0702 (190) S=0.168	0.3125 (191) S=0.001
T22	0.1833 (191) S=0.006	0.2070 (191) S=0.002	0.2534 (191) S=0.001	0.0356 (186) S=0.315	0.0273 (187) S=0.356	-0.0100 (189) S=0.445	-0.0145 (189) S=0.422	0.0307 (190) S=0.337	-0.0880 (191) S=0.113
T23	0.1074 (34) S=0.272	-0.1774 (34) S=0.156	0.1300 (34) S=0.232	-0.0816 (33) S=0.326	0.1425 (32) S=0.218	-0.0568 (34) S=0.375	-0.1498 (34) S=0.199	-0.3012 (34) S=0.042	0.0652 (34) S=0.357
T24	0.1454 (34) S=0.195	0.0538 (34) S=0.381	0.0877 (34) S=0.311	0.1017 (33) S=0.287	0.3208 (32) S=0.037	0.0751 (34) S=0.336	-0.0291 (34) S=0.435	0.0614 (34) S=0.324	0.0972 (34) S=0.292
T25	0.0357 (34) S=0.412	-0.1800 (34) S=0.154	0.1184 (34) S=0.252	-0.0973 (33) S=0.295	0.0135 (32) S=0.471	-0.0516 (34) S=0.386	-0.1083 (34) S=0.271	-0.2107 (34) S=0.116	0.0326 (34) S=0.427
T26	0.0343 (34) S=0.424	-0.3040 (34) S=0.040	0.1124 (34) S=0.265	-0.1332 (33) S=0.230	0.1035 (32) S=0.287	-0.0289 (34) S=0.436	-0.1708 (34) S=0.167	-0.3007 (34) S=0.042	0.0581 (34) S=0.372
T27	0.2173 (191) S=0.001	0.2670 (191) S=0.001	0.2256 (191) S=0.001	0.3107 (186) S=0.001	0.1457 (187) S=0.023	0.2877 (189) S=0.001	0.2852 (189) S=0.001	0.3967 (190) S=0.001	0.1117 (191) S=0.062

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - -

	T10	T11	T12	T13	T14	T15	T16	T17	T18
T08	0.1174 (101) S=0.121	0.3486 (101) S=0.001	0.1188 (101) S=0.116	0.2832 (99) S=0.002	0.1917 (99) S=0.029	0.1980 (101) S=0.024	0.2352 (100) S=0.009	0.3078 (101) S=0.001	-0.0234 (101) S=0.408
T09	0.2016 (191) S=0.003	0.1436 (191) S=0.024	0.0652 (191) S=0.185	0.2327 (186) S=0.001	0.2324 (187) S=0.001	0.2562 (189) S=0.001	0.2546 (189) S=0.001	0.2913 (190) S=0.001	0.0603 (191) S=0.204

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NCRARE (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	T19	T20	T21	T22	T23	T24	T25	T26	T27
T10	0.4524 (191) S=0.001	-0.3758 (191) S=0.001	-0.0155 (191) S=0.416	0.1855 (191) S=0.006	0.1074 (34) S=0.273	0.1454 (34) S=0.199	0.0397 (34) S=0.412	0.0343 (34) S=0.424	0.2173 (191) S=0.001
T11	0.3157 (191) S=0.001	-0.1835 (191) S=0.006	0.0603 (191) S=0.204	0.2070 (191) S=0.002	-0.1774 (34) S=0.158	0.0538 (34) S=0.381	-0.1800 (34) S=0.154	-0.3040 (34) S=0.040	0.2870 (191) S=0.001
T12	0.3963 (191) S=0.001	-0.2363 (191) S=0.001	0.0284 (191) S=0.346	0.2534 (191) S=0.001	0.1300 (34) S=0.232	0.0877 (34) S=0.311	0.1184 (34) S=0.252	0.1124 (34) S=0.263	0.2238 (191) S=0.001
T13	0.2593 (186) S=0.001	-0.2540 (186) S=0.001	0.1571 (186) S=0.016	0.0350 (186) S=0.315	-0.0816 (33) S=0.326	0.1017 (33) S=0.287	-0.0973 (33) S=0.295	-0.1332 (33) S=0.230	0.3107 (186) S=0.001
T14	0.2335 (187) S=0.001	-0.1983 (187) S=0.003	0.0584 (187) S=0.214	0.0273 (187) S=0.356	0.1425 (32) S=0.218	0.3208 (32) S=0.037	0.0135 (32) S=0.471	0.1035 (32) S=0.287	0.1457 (187) S=0.023
T15	0.3356 (189) S=0.001	-0.2450 (189) S=0.001	-0.0904 (189) S=0.108	-0.0100 (189) S=0.445	-0.0568 (34) S=0.375	0.0751 (34) S=0.336	-0.0516 (34) S=0.386	-0.0289 (34) S=0.436	0.2877 (189) S=0.001
T16	0.3421 (189) S=0.001	-0.2503 (189) S=0.001	0.1354 (189) S=0.032	-0.0145 (189) S=0.422	-0.1498 (34) S=0.199	-0.0291 (34) S=0.435	-0.1083 (34) S=0.271	-0.1708 (34) S=0.167	0.2852 (189) S=0.001
T17	0.3822 (190) S=0.001	-0.3589 (190) S=0.001	0.0702 (190) S=0.166	0.0307 (190) S=0.337	-0.3012 (34) S=0.042	0.0814 (34) S=0.324	-0.2107 (34) S=0.116	-0.3007 (34) S=0.042	0.3967 (190) S=0.001
T18	0.1932 (191) S=0.004	-0.1325 (191) S=0.034	0.3125 (191) S=0.001	-0.0880 (191) S=0.113	0.0652 (34) S=0.357	0.0972 (34) S=0.292	0.0326 (34) S=0.427	0.0581 (34) S=0.372	0.1117 (191) S=0.062

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	T19	T20	T21	T22	T23	T24	T25	T26	T27
T19	1.0000 (0) S=0.001	-0.5760 (191) S=0.001	0.0473 (191) S=0.256	0.3249 (191) S=0.001	-0.2440 (34) S=0.082	-0.2601 (34) S=0.069	-0.0140 (34) S=0.469	-0.1874 (34) S=0.144	0.1672 (191) S=0.010
T20		1.0000 (0) S=0.001	0.1101 (191) S=0.065	-0.1935 (191) S=0.004	0.1637 (34) S=0.177	-0.0713 (34) S=0.344	0.0106 (34) S=0.476	0.1419 (34) S=0.212	-0.2142 (191) S=0.001
T21			1.0000 (0) S=0.001	0.0272 (191) S=0.355	-0.0311 (34) S=0.431	-0.0801 (34) S=0.326	-0.0899 (34) S=0.307	-0.1409 (34) S=0.213	-0.0003 (191) S=0.499
T22				1.0000 (0) S=0.001	0.0048 (34) S=0.489	0.1190 (34) S=0.251	0.0529 (34) S=0.383	0.1548 (34) S=0.191	0.0589 (191) S=0.209
T23					1.0000 (0) S=0.001	0.6059 (34) S=0.001	0.7610 (34) S=0.001	0.7428 (34) S=0.001	-0.0801 (34) S=0.326
T24						1.0000 (0) S=0.001	0.3227 (34) S=0.031	0.4637 (34) S=0.003	0.0770 (34) S=0.333
T25							1.0000 (0) S=0.001	0.8784 (34) S=0.001	0.0508 (34) S=0.388
T26								1.0000 (0) S=0.001	-0.0665 (34) S=0.354
T27									1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	T19	T20	T21	T22	T23	T24	T25	T26	T27
T28	C.C648 (101) S=C.260	-0.1312 (101) S=0.095	-0.0359 (101) S=0.361	0.0015 (101) S=0.494	-0.1397 (34) S=0.215	-0.1729 (34) S=0.164	0.0278 (34) S=0.438	-0.1064 (34) S=0.275	0.4289 (101) S=0.001
T29	0.1572 (191) S=C.015	-0.2016 (191) S=C.C03	-0.0403 (191) S=0.290	0.0897 (191) S=0.109	-0.3075 (34) S=0.038	-0.0207 (34) S=0.454	-0.0720 (34) S=0.343	-0.1130 (34) S=0.262	0.3262 (191) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/73)

SAMPLE SIZE IN PARENTHES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	T28	T29
T1	0.1799 (100) S=0.037	0.0143 (189) S=0.423
T2	-0.0529 (101) S=0.300	-0.0094 (191) S=0.449
T3	0.1048 (100) S=0.150	-0.0289 (189) S=0.346
T4	-0.0422 (101) S=0.338	0.0054 (191) S=0.471
T5	0.2045 (100) S=0.020	0.0510 (189) S=0.243
T6	0.1465 (101) S=0.072	0.0937 (191) S=0.099
T7	0.3476 (100) S=0.001	0.0375 (189) S=0.304
T8	0.0823 (101) S=0.207	0.0985 (191) S=0.088
T9	0.3697 (100) S=0.001	0.2412 (189) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	T28	T29
T10	0.1174 (101) S=0.121	0.2016 (191) S=0.003
T11	0.3488 (101) S=0.001	0.1436 (191) S=0.024
T12	0.1188 (101) S=0.118	0.0652 (191) S=0.185
T13	0.2832 (99) S=0.002	0.2327 (186) S=0.001
T14	0.1917 (99) S=0.029	0.2324 (187) S=0.001
T15	0.1580 (101) S=0.024	0.2562 (189) S=0.001
T16	0.2352 (100) S=0.009	0.2946 (189) S=0.001
T17	0.3078 (101) S=0.001	0.2913 (190) S=0.001
T18	-0.0234 (101) S=0.408	0.0603 (191) S=0.204

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	T28	T29
T19	0.0648 (101) S=0.260	0.1572 (191) S=0.015
T20	-0.1312 (101) S=0.095	-0.2016 (191) S=0.003
T21	-0.0359 (101) S=0.361	-0.0403 (191) S=0.250
T22	0.0015 (101) S=0.494	0.0857 (191) S=0.109
T23	-0.1357 (34) S=0.215	-0.3075 (34) S=0.038
T24	-0.1729 (34) S=0.164	-0.0207 (34) S=0.454
T25	0.0278 (34) S=0.438	-0.0720 (34) S=0.343
T26	-0.1064 (34) S=0.275	-0.1130 (34) S=0.262
T27	0.4289 (101) S=0.001	0.3262 (191) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	T28	T29
T28	1.0000 (0) S=0.001	0.4557 (101) S=0.001
T29		1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTER-CORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 4
FILE NONAME (CREATION DATE = 11/16/79)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - - -

	T19	T20	T21	T22	T23	T24	T25	T26	T27
T1	0.2266	-0.1475	0.0683	0.0041	-0.1246	-0.0556	0.0149	-0.0904	0.0639
	(189)	(185)	(169)	(189)	(33)	(33)	(33)	(33)	(189)
	S=0.001	S=0.021	S=0.175	S=0.478	S=0.245	S=0.379	S=0.467	S=0.308	S=0.191
T2	0.2255	-0.2141	-0.0184	0.2281	0.0798	0.0066	-0.0259	0.1124	-0.0072
	(191)	(191)	(191)	(191)	(34)	(34)	(34)	(34)	(191)
	S=0.001	S=0.001	S=0.400	S=0.001	S=0.327	S=0.485	S=0.442	S=0.263	S=0.461
T3	0.1733	-0.0247	-0.0211	-0.0200	0.4039	0.2840	0.3683	0.3280	-0.1073
	(189)	(185)	(169)	(189)	(33)	(33)	(33)	(33)	(189)
	S=0.009	S=0.368	S=0.386	S=0.392	S=0.010	S=0.055	S=0.017	S=0.031	S=0.071
T4	0.1655	-0.0250	-0.0160	0.1742	0.3318	0.2462	0.1576	0.2760	-0.0272
	(191)	(191)	(191)	(191)	(34)	(34)	(34)	(34)	(191)
	S=0.011	S=0.256	S=0.415	S=0.008	S=0.028	S=0.080	S=0.187	S=0.057	S=0.354
T5	0.2643	-0.1760	0.0097	0.0182	-0.0685	-0.0271	0.0644	-0.0810	0.0830
	(189)	(185)	(189)	(189)	(33)	(33)	(33)	(33)	(189)
	S=0.001	S=0.007	S=0.446	S=0.402	S=0.352	S=0.441	S=0.361	S=0.327	S=0.128
T6	0.2711	-0.2158	0.0824	0.1342	0.0848	0.1052	-0.1031	-0.0691	0.1321
	(191)	(191)	(191)	(191)	(34)	(34)	(34)	(34)	(191)
	S=0.001	S=0.001	S=0.129	S=0.032	S=0.317	S=0.277	S=0.281	S=0.349	S=0.034
T7	0.1279	-0.1865	-0.1240	0.0094	-0.2359	-0.1072	-0.0535	-0.1635	0.0935
	(189)	(185)	(169)	(189)	(33)	(33)	(33)	(33)	(189)
	S=0.040	S=0.005	S=0.044	S=0.449	S=0.093	S=0.276	S=0.384	S=0.182	S=0.100
T8	0.4207	-0.3255	0.0915	0.2027	-0.0474	-0.0256	-0.0870	-0.0443	0.1588
	(191)	(191)	(191)	(191)	(34)	(34)	(34)	(34)	(191)
	S=0.001	S=0.001	S=0.104	S=0.002	S=0.395	S=0.443	S=0.312	S=0.402	S=0.014
T9	0.3722	-0.2810	-0.0714	0.1342	0.1103	0.1771	0.2418	0.1507	0.2516
	(189)	(185)	(169)	(189)	(33)	(33)	(33)	(33)	(189)
	S=0.001	S=0.001	S=0.180	S=0.033	S=0.271	S=0.162	S=0.088	S=0.201	S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

Correlation Matrix of Student Variables

Grade Five

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/10/75)

VARIABLE	CASES	MEAN	STD DEV
T1	193	33.7626	5.2109
T2	193	32.5026	5.8128
T3	193	34.1553	8.0447
T4	193	33.0259	8.6687
T5	193	27.7270	4.3900
T6	193	27.7326	4.3722
T7	193	28.3334	4.8918
T8	193	27.9218	5.9888
T9	193	58.2052	7.6416
T10	193	58.7326	8.2028
T11	193	89.0060	15.2304
T12	192	87.0469	14.4935
T13	190	19.1210	8.8677
T14	190	14.0316	5.1915
T15	193	16.2487	5.7853
T16	192	9.9167	3.4872
T17	192	10.8802	3.4431
T18	192	23.9536	4.4126
T19	192	20.2344	3.4301
T20	192	21.1667	3.2561
T21	192	23.7715	3.6713
T22	192	11.2587	1.8409
T23	21	47.8524	9.6286
T24	21	49.4333	5.3047
T25	21	49.0428	5.4492
T26	21	49.3524	5.6183
T27	193	7.7876	1.8573
T28	95	8.6632	1.2850
T29	192	9.1771	1.5417

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T1	1.0000 (0) S=0.001	0.5236 (193) S=0.001	0.4006 (193) S=0.001	0.2877 (193) S=0.001	0.4850 (193) S=0.001	0.2299 (193) S=0.001	0.2723 (193) S=0.001	0.1955 (193) S=0.003
T2		1.0000 (0) S=0.001	0.2872 (193) S=0.001	0.5318 (193) S=0.001	0.2897 (193) S=0.001	0.4629 (193) S=0.001	0.1839 (193) S=0.005	0.3369 (193) S=0.001
T3			1.0000 (0) S=0.001	0.6676 (193) S=0.001	0.7456 (193) S=0.001	0.5277 (193) S=0.001	0.5626 (193) S=0.001	0.2527 (193) S=0.001
T4				1.0000 (0) S=0.001	0.4922 (193) S=0.001	0.7093 (193) S=0.001	0.3775 (193) S=0.001	0.4641 (193) S=0.001
T5					1.0000 (0) S=0.001	0.5086 (193) S=0.001	0.5769 (193) S=0.001	0.2442 (193) S=0.001
T6						1.0000 (0) S=0.001	0.4398 (193) S=0.001	0.5929 (193) S=0.001
T7							1.0000 (0) S=0.001	0.4432 (193) S=0.001
T8								1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T9	0.3216 (193) S=0.001	0.1866 (193) S=0.005	0.4013 (193) S=0.001	0.3012 (193) S=0.001	0.4579 (193) S=0.001	0.3201 (193) S=0.001	0.2219 (193) S=0.001	0.0469 (193) S=0.258
T10	0.1493 (193) S=0.019	0.2893 (193) S=0.001	0.2602 (193) S=0.001	0.3877 (193) S=0.001	0.2604 (193) S=0.001	0.3622 (193) S=0.001	0.1217 (193) S=0.046	0.1746 (193) S=0.008
T11	0.1073 (193) S=0.069	0.0753 (193) S=0.149	0.2014 (193) S=0.002	0.1150 (193) S=0.056	0.2415 (193) S=0.001	0.2502 (193) S=0.001	0.1517 (193) S=0.004	0.1572 (193) S=0.014
T12	0.0599 (192) S=0.205	0.1596 (192) S=0.014	0.2422 (192) S=0.001	0.3310 (192) S=0.001	0.2130 (192) S=0.002	0.4121 (192) S=0.001	0.0857 (192) S=0.119	0.1638 (192) S=0.012
T13	0.0892 (190) S=0.110	0.0593 (190) S=0.208	-0.0651 (190) S=0.186	-0.0330 (190) S=0.326	0.1765 (190) S=0.007	0.0724 (190) S=0.160	0.0394 (190) S=0.294	-0.0690 (190) S=0.172
T14	0.1301 (190) S=0.037	0.0663 (190) S=0.175	-0.0008 (190) S=0.496	0.0065 (190) S=0.465	0.1854 (190) S=0.005	0.0722 (190) S=0.161	-0.0286 (190) S=0.348	-0.1085 (190) S=0.068
T15	0.1475 (193) S=0.020	0.1258 (193) S=0.041	-0.0478 (193) S=0.254	-0.0088 (193) S=0.452	0.1872 (193) S=0.005	0.1062 (193) S=0.071	0.0232 (193) S=0.375	-0.0283 (193) S=0.348
T16	0.1736 (192) S=0.008	0.1275 (192) S=0.039	-0.0992 (192) S=0.085	-0.0323 (192) S=0.328	0.1473 (192) S=0.021	0.1010 (192) S=0.082	0.0204 (192) S=0.389	-0.0479 (192) S=0.255

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T17	0.1054 (192) S=0.073	0.0719 (192) S=0.161	-0.0280 (192) S=0.350	-0.0303 (192) S=0.338	0.1782 (192) S=0.007	0.0653 (192) S=0.184	0.0482 (192) S=0.253	0.0430 (192) S=0.277
T18	-0.0653 (192) S=0.184	-0.0373 (192) S=0.304	-0.0998 (192) S=0.084	-0.1151 (192) S=0.056	-0.0946 (192) S=0.096	-0.0903 (192) S=0.106	0.0386 (192) S=0.298	-0.0060 (192) S=0.467
T19	0.1543 (192) S=0.016	0.2674 (192) S=0.001	0.0723 (192) S=0.160	0.3302 (192) S=0.001	0.1146 (192) S=0.057	0.2866 (192) S=0.001	0.0961 (192) S=0.092	0.3532 (192) S=0.001
T20	-0.1212 (192) S=0.047	-0.1569 (192) S=0.015	-0.0000 (192) S=0.500	-0.2821 (192) S=0.001	-0.0819 (192) S=0.130	-0.3067 (192) S=0.001	-0.0708 (192) S=0.165	-0.2968 (192) S=0.001
T21	-0.0785 (192) S=0.140	-0.0817 (192) S=0.130	-0.0054 (192) S=0.470	-0.0857 (192) S=0.119	-0.1264 (192) S=0.040	-0.0591 (192) S=0.208	0.0375 (192) S=0.303	-0.0647 (192) S=0.186
T22	0.0931 (192) S=0.099	0.2029 (192) S=0.002	0.0204 (192) S=0.389	0.1475 (192) S=0.021	0.0314 (192) S=0.333	0.1350 (192) S=0.031	0.0079 (192) S=0.457	0.1115 (192) S=0.062
T23	-0.0013 (21) S=0.498	0.2006 (21) S=0.192	0.0175 (21) S=0.470	0.1640 (21) S=0.239	0.0263 (21) S=0.455	0.1571 (21) S=0.248	-0.0514 (21) S=0.413	-0.1487 (21) S=0.260
T24	0.0530 (21) S=0.410	0.0048 (21) S=0.492	0.0248 (21) S=0.458	0.0998 (21) S=0.333	0.2125 (21) S=0.178	0.0480 (21) S=0.418	0.0446 (21) S=0.424	-0.1138 (21) S=0.312

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERRCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T25	-0.1757	0.0774	-0.0189	0.0765	0.0208	0.1554	-0.0358	-0.1340
	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
	S=0.223	S=0.369	S=0.468	S=0.371	S=0.464	S=0.251	S=0.439	S=0.281
T26	-0.0822	0.0822	-0.0997	-0.0411	-0.0213	0.0367	-0.1166	-0.2003
	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
	S=0.362	S=0.362	S=0.334	S=0.430	S=0.463	S=0.437	S=0.307	S=0.192
T27	-0.0095	-0.0260	0.0923	0.0122	0.1146	0.0457	0.1423	-0.0100
	(193)	(193)	(193)	(193)	(193)	(193)	(193)	(193)
	S=0.446	S=0.360	S=0.101	S=0.433	S=0.056	S=0.264	S=0.024	S=0.445
T28	0.0781	-0.0330	-0.0542	-0.0689	-0.0539	0.0356	-0.1689	-0.0311
	(95)	(95)	(95)	(95)	(95)	(95)	(95)	(95)
	S=0.226	S=0.375	S=0.301	S=0.254	S=0.302	S=0.366	S=0.051	S=0.382
T29	0.1644	0.1352	-0.0209	0.0441	0.0792	0.1233	-0.0069	0.0112
	(192)	(192)	(192)	(192)	(192)	(192)	(192)	(192)
	S=0.011	S=0.031	S=0.387	S=0.272	S=0.138	S=0.044	S=0.462	S=0.439

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T1	0.3218 (193) S=0.001	0.1453 (193) S=0.019	0.1073 (193) S=0.069	0.0599 (192) S=0.205	0.0892 (190) S=0.110	0.1301 (190) S=0.037	0.1473 (193) S=0.020	0.1738 (192) S=0.008
T2	0.1866 (193) S=0.005	0.2893 (193) S=0.001	0.0753 (193) S=0.149	0.1596 (192) S=0.014	0.0593 (190) S=0.208	0.0683 (190) S=0.175	0.1258 (193) S=0.041	0.1273 (192) S=0.039
T3	0.4013 (193) S=0.001	0.2602 (193) S=0.001	0.2014 (193) S=0.002	0.2422 (192) S=0.001	-0.0651 (190) S=0.186	-0.0008 (190) S=0.496	-0.0478 (193) S=0.254	-0.0992 (192) S=0.085
T4	0.3012 (193) S=0.001	0.3877 (193) S=0.001	0.1150 (193) S=0.056	0.3310 (192) S=0.001	-0.0330 (190) S=0.326	0.0065 (190) S=0.465	-0.0088 (193) S=0.452	-0.0323 (192) S=0.328
T5	0.4579 (193) S=0.001	0.2604 (193) S=0.001	0.2415 (193) S=0.001	0.2130 (192) S=0.002	0.1765 (190) S=0.007	0.1854 (190) S=0.005	0.1872 (193) S=0.005	0.1473 (192) S=0.021
T6	0.3201 (193) S=0.001	0.3622 (193) S=0.001	0.2902 (193) S=0.001	0.4121 (192) S=0.001	0.0724 (190) S=0.160	0.0722 (190) S=0.161	0.1062 (193) S=0.071	0.1010 (192) S=0.082
T7	0.2319 (193) S=0.001	0.1217 (193) S=0.046	0.1917 (193) S=0.004	0.0857 (192) S=0.119	0.0394 (190) S=0.294	-0.0286 (190) S=0.348	0.0232 (193) S=0.375	0.0204 (192) S=0.389
T8	0.0469 (193) S=0.258	0.1746 (193) S=0.008	0.1572 (193) S=0.014	0.1638 (192) S=0.012	-0.0690 (190) S=0.172	-0.1085 (190) S=0.068	-0.0283 (193) S=0.348	-0.0479 (192) S=0.255

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T9	1.0000 (0) S=0.001	0.6303 (193) S=0.001	0.6436 (193) S=0.001	0.5163 (192) S=0.001	0.4047 (190) S=0.001	0.4502 (190) S=0.001	0.4276 (193) S=0.001	0.3851 (192) S=0.001
T10		1.0000 (0) S=0.001	0.4320 (193) S=0.001	0.5665 (192) S=0.001	0.2829 (190) S=0.001	0.4118 (190) S=0.001	0.3858 (193) S=0.001	0.3424 (192) S=0.001
T11			1.0000 (0) S=0.001	0.5781 (192) S=0.001	0.3658 (190) S=0.001	0.3664 (190) S=0.001	0.3866 (193) S=0.001	0.3098 (192) S=0.001
T12				1.0000 (0) S=0.001	0.2925 (189) S=0.001	0.3364 (189) S=0.001	0.3456 (192) S=0.001	0.2496 (191) S=0.001
T13					1.0000 (0) S=0.001	0.6981 (188) S=0.001	0.6903 (190) S=0.001	0.6613 (189) S=0.001
T14						1.0000 (0) S=0.001	0.7680 (190) S=0.001	0.6830 (189) S=0.001
T15							1.0000 (0) S=0.001	0.7251 (192) S=0.001
T16								1.0000 (0) S=0.001

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T17	0.3845 (192) S=0.001	0.2445 (192) S=0.001	0.3383 (192) S=0.001	0.2240 (191) S=0.001	0.6719 (189) S=0.001	0.6562 (189) S=0.001	0.7299 (192) S=0.001	0.6955 (191) S=0.001
T18	-0.2930 (192) S=0.001	-0.2741 (192) S=0.001	-0.1373 (192) S=0.029	-0.1997 (191) S=0.005	-0.2183 (189) S=0.001	-0.2351 (189) S=0.001	-0.1632 (192) S=0.012	-0.1120 (191) S=0.062
T19	0.2377 (192) S=0.001	0.4285 (192) S=0.001	0.0920 (192) S=0.102	0.2213 (191) S=0.001	0.1002 (189) S=0.085	0.1256 (189) S=0.038	0.1770 (192) S=0.007	0.1775 (191) S=0.007
T20	-0.2157 (192) S=0.001	-0.3078 (192) S=0.001	-0.1286 (192) S=0.038	-0.2004 (191) S=0.003	-0.1643 (189) S=0.012	-0.1220 (189) S=0.047	-0.2222 (192) S=0.001	-0.2212 (191) S=0.001
T21	-0.2682 (192) S=0.001	-0.2658 (192) S=0.001	-0.2200 (192) S=0.001	-0.1459 (191) S=0.022	-0.2377 (189) S=0.001	-0.3411 (189) S=0.001	-0.2982 (192) S=0.001	-0.2365 (191) S=0.001
T22	0.0591 (192) S=0.208	0.1380 (192) S=0.028	0.0740 (192) S=0.154	0.1635 (191) S=0.012	-0.0112 (189) S=0.439	0.0462 (189) S=0.264	0.1068 (192) S=0.070	0.1368 (191) S=0.030
T23	0.1273 (21) S=0.291	0.1776 (21) S=0.221	0.1337 (21) S=0.282	0.3428 (21) S=0.064	0.0095 (20) S=0.484	0.3309 (20) S=0.077	0.2918 (21) S=0.100	0.2380 (21) S=0.149
T24	0.2093 (21) S=0.181	0.1117 (21) S=0.315	0.0403 (21) S=0.431	0.2674 (21) S=0.121	0.2493 (20) S=0.145	0.3466 (20) S=0.067	0.4108 (21) S=0.032	0.3781 (21) S=0.046

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T25	0.1620 (21) S=0.241	0.1059 (21) S=0.324	0.0570 (21) S=0.403	0.1454 (21) S=0.265	-0.0996 (20) S=0.338	0.0118 (20) S=0.480	0.0177 (21) S=0.470	0.0991 (21) S=0.335
T26	0.0541 (21) S=0.342	-0.0265 (21) S=0.455	0.0068 (21) S=0.485	0.1592 (21) S=0.274	0.0665 (20) S=0.390	0.0506 (20) S=0.416	0.1566 (21) S=0.249	0.1110 (21) S=0.316
T27	0.3081 (193) S=0.001	0.2257 (193) S=0.001	0.3087 (193) S=0.001	0.2065 (192) S=0.002	0.3828 (190) S=0.001	0.3413 (190) S=0.001	0.3758 (193) S=0.001	0.3764 (192) S=0.001
T38	0.0751 (95) S=0.235	0.0509 (95) S=0.312	0.0186 (95) S=0.428	0.0727 (94) S=0.243	0.2087 (94) S=0.022	0.2770 (93) S=0.004	0.2679 (95) S=0.004	0.2437 (95) S=0.009
T29	0.2418 (192) S=0.001	0.1834 (192) S=0.005	0.1569 (192) S=0.015	0.2433 (191) S=0.001	0.3132 (189) S=0.001	0.3033 (189) S=0.001	0.3031 (192) S=0.001	0.2822 (191) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T1	0.1054 (192) S=0.073	-0.0653 (192) S=0.184	0.1543 (192) S=0.016	-0.1212 (192) S=0.047	-0.0785 (192) S=0.140	0.0931 (192) S=0.099	-0.0013 (21) S=0.498	0.0530 (21) S=0.410
T2	0.0719 (192) S=0.161	-0.0373 (192) S=0.304	0.2674 (192) S=0.001	-0.1565 (192) S=0.015	-0.0817 (192) S=0.130	0.2029 (192) S=0.002	0.2006 (21) S=0.192	0.0048 (21) S=0.492
T3	-0.0280 (192) S=0.350	-0.0998 (192) S=0.084	0.0723 (192) S=0.160	-0.0000 (192) S=0.500	-0.0054 (192) S=0.470	0.0204 (192) S=0.389	0.0175 (21) S=0.470	0.0248 (21) S=0.458
T4	-0.0303 (192) S=0.338	-0.1151 (192) S=0.056	0.3302 (192) S=0.001	-0.2821 (192) S=0.001	-0.0857 (192) S=0.119	0.1475 (192) S=0.021	0.1640 (21) S=0.239	0.0998 (21) S=0.333
T5	0.1782 (192) S=0.007	-0.0946 (192) S=0.096	0.1146 (192) S=0.057	-0.0819 (192) S=0.130	-0.1264 (192) S=0.040	0.0314 (192) S=0.333	0.0263 (21) S=0.455	0.2125 (21) S=0.178
T6	0.0653 (192) S=0.184	-0.0903 (192) S=0.106	0.2666 (192) S=0.001	-0.3067 (192) S=0.001	-0.0591 (192) S=0.206	0.1350 (192) S=0.031	0.1571 (21) S=0.248	0.0480 (21) S=0.418
T7	0.0482 (192) S=0.253	0.0386 (192) S=0.298	0.0961 (192) S=0.092	-0.0708 (192) S=0.165	0.0375 (192) S=0.303	0.0079 (192) S=0.457	-0.0514 (21) S=0.413	0.0446 (21) S=0.424
T8	0.0430 (192) S=0.277	-0.0060 (192) S=0.467	0.3532 (192) S=0.001	-0.2968 (192) S=0.001	-0.0647 (192) S=0.186	0.1115 (192) S=0.062	-0.1487 (21) S=0.260	-0.1138 (21) S=0.312

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T9	0.3845 (192) S=0.001	-0.2930 (192) S=0.001	0.2377 (192) S=0.001	-0.2157 (192) S=0.001	-0.2682 (192) S=0.001	0.0591 (192) S=0.208	0.1273 (21) S=0.291	0.2093 (21) S=0.181
T10	0.2445 (192) S=0.001	-0.2741 (192) S=0.001	0.4289 (192) S=0.001	-0.3078 (192) S=0.001	-0.2696 (192) S=0.001	0.1380 (192) S=0.028	0.1776 (21) S=0.221	0.1117 (21) S=0.315
T11	0.3383 (192) S=0.001	-0.1373 (192) S=0.029	0.0920 (192) S=0.102	-0.1286 (192) S=0.038	-0.2200 (192) S=0.001	0.0740 (192) S=0.154	0.1337 (21) S=0.282	0.0403 (21) S=0.431
T12	0.2240 (191) S=0.001	-0.1997 (191) S=0.003	0.2213 (191) S=0.001	-0.2004 (191) S=0.003	-0.1459 (191) S=0.022	0.1635 (191) S=0.012	0.3428 (21) S=0.064	0.2674 (21) S=0.121
T13	0.6719 (189) S=0.001	-0.2183 (189) S=0.001	0.1002 (189) S=0.085	-0.1643 (189) S=0.012	-0.2377 (189) S=0.001	-0.0112 (189) S=0.439	0.0095 (20) S=0.484	0.2493 (20) S=0.145
T14	0.6562 (189) S=0.001	-0.2351 (189) S=0.001	0.1296 (189) S=0.038	-0.1220 (189) S=0.047	-0.3411 (189) S=0.001	0.0462 (189) S=0.264	0.3309 (20) S=0.077	0.3466 (20) S=0.067
T15	0.7299 (192) S=0.001	-0.1632 (192) S=0.012	0.1770 (192) S=0.007	-0.2222 (192) S=0.001	-0.2982 (192) S=0.001	0.1068 (192) S=0.070	0.2918 (21) S=0.100	0.4108 (21) S=0.032
T16	0.6955 (191) S=0.001	-0.1120 (191) S=0.062	0.1775 (191) S=0.007	-0.2212 (191) S=0.001	-0.2365 (191) S=0.001	0.1366 (191) S=0.030	0.2380 (21) S=0.149	0.3781 (21) S=0.046

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T17	1.0000 (0) S=0.001	-0.1171 (191) S=0.053	0.1633 (191) S=0.012	-0.1583 (191) S=0.014	-0.3112 (191) S=0.001	0.0393 (191) S=0.295	0.0865 (21) S=0.355	0.3999 (21) S=0.036
T18		1.0000 (0) S=0.001	-0.0344 (192) S=0.318	0.1247 (192) S=0.042	0.4040 (192) S=0.001	0.0916 (192) S=0.103	-0.2346 (21) S=0.153	-0.2948 (21) S=0.097
T19			1.0000 (0) S=0.001	-0.4602 (192) S=0.001	-0.1579 (192) S=0.014	0.2355 (192) S=0.001	0.2285 (21) S=0.160	0.3482 (21) S=0.061
T20				1.0000 (0) S=0.001	0.1860 (192) S=0.005	-0.1777 (192) S=0.007	-0.2732 (21) S=0.115	-0.4755 (21) S=0.015
T21					1.0000 (0) S=0.001	0.0752 (192) S=0.150	-0.2289 (21) S=0.159	-0.3342 (21) S=0.069
T22						1.0000 (0) S=0.001	-0.1653 (21) S=0.237	-0.3910 (21) S=0.040
T23							1.0000 (0) S=0.001	0.8631 (21) S=0.001
T24								1.0000 (0) S=0.001

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T25	-0.0304 (21) S=0.448	-0.3209 (21) S=0.078	0.1913 (21) S=0.203	-0.1266 (21) S=0.289	-0.3961 (21) S=0.038	-0.0482 (21) S=0.416	0.7928 (21) S=0.001	0.6953 (21) S=0.001
T26	0.1139 (21) S=0.312	-0.2613 (21) S=0.126	0.0048 (21) S=0.492	-0.1142 (21) S=0.311	-0.2488 (21) S=0.136	-0.1622 (21) S=0.241	0.7444 (21) S=0.001	0.7405 (21) S=0.001
T27	0.3286 (192) S=0.001	-0.1211 (192) S=0.047	0.0018 (192) S=0.490	-0.0510 (192) S=0.241	-0.1713 (192) S=0.009	0.0568 (192) S=0.217	0.3744 (21) S=0.047	0.4795 (21) S=0.014
T28	0.2769 (94) S=0.003	-0.0258 (94) S=0.403	-0.0335 (94) S=0.374	-0.0581 (94) S=0.289	-0.0342 (94) S=0.372	-0.0391 (94) S=0.354	0.2335 (21) S=0.154	0.4046 (21) S=0.034
T29	0.2605 (192) S=0.001	-0.0868 (191) S=0.116	0.1540 (191) S=0.017	-0.1370 (191) S=0.029	-0.0780 (191) S=0.142	0.0043 (191) S=0.477	0.0124 (21) S=0.479	0.2756 (21) S=0.113

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T1	-0.1757 (21) S=0.223	-0.0822 (21) S=0.362	-0.0095 (193) S=0.448	C.C781 (95) S=C.226	0.1644 (192) S=0.011
T2	0.0774 (21) S=0.369	0.0822 (21) S=0.362	-0.0260 (193) S=0.360	-C.C330 (95) S=0.375	0.1352 (192) S=0.031
T3	-0.0189 (21) S=0.468	-0.0997 (21) S=0.334	0.0923 (193) S=0.101	-0.0542 (95) S=C.301	-0.0209 (192) S=0.387
T4	0.0765 (21) S=0.371	-0.0411 (21) S=0.430	0.0122 (193) S=0.433	-C.C689 (95) S=C.254	0.0441 (192) S=0.272
T5	0.0208 (21) S=0.464	-0.0213 (21) S=0.463	0.1146 (193) S=0.056	-C.C539 (95) S=C.302	0.0792 (192) S=0.138
T6	0.1554 (21) S=0.251	0.0367 (21) S=0.437	0.0457 (193) S=0.264	C.C356 (95) S=C.366	0.1233 (192) S=0.044
T7	-0.0358 (21) S=0.439	-0.1166 (21) S=0.307	0.1423 (193) S=0.024	-C.1689 (95) S=C.051	-0.0069 (192) S=0.462
T8	-0.1340 (21) S=0.281	-0.2003 (21) S=0.192	-0.0100 (193) S=0.445	-0.C311 (95) S=0.382	0.0112 (192) S=0.439

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T9	0.1620 (21) S=0.241	0.0941 (21) S=0.342	0.3081 (193) S=0.001	C.C751 (95) S=C.235	0.2418 (192) S=0.001
T10	0.1059 (21) S=0.324	-0.0265 (21) S=0.455	0.2257 (193) S=0.001	0.0509 (95) S=C.312	0.1834 (192) S=0.005
T11	0.0570 (21) S=0.403	0.0088 (21) S=0.485	0.3087 (193) S=0.001	0.0188 (95) S=0.428	0.1569 (192) S=0.015
T12	0.1454 (21) S=0.265	0.1392 (21) S=0.274	0.2063 (192) S=0.002	0.C727 (94) S=0.243	0.2433 (191) S=0.001
T13	-0.0996 (20) S=0.338	0.0665 (20) S=0.390	0.3828 (190) S=0.001	0.2067 (94) S=C.022	0.3132 (189) S=0.001
T14	0.C118 (20) S=0.480	0.0506 (20) S=0.416	0.3413 (190) S=0.001	C.2770 (93) S=C.004	0.3033 (189) S=0.001
T15	0.0177 (21) S=0.470	0.1566 (21) S=0.249	0.3758 (193) S=0.001	0.2679 (95) S=C.004	0.3031 (192) S=0.001
T16	0.C991 (21) S=0.335	0.1110 (21) S=0.316	0.3764 (192) S=0.001	C.2437 (95) S=C.009	0.2822 (191) S=0.001

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T17	-0.0304 (21) S=0.448	0.1139 (21) S=0.312	0.3286 (192) S=0.001	0.2769 (94) S=0.003	0.2605 (192) S=0.001
T18	-0.3209 (21) S=0.078	-0.2613 (21) S=0.126	-0.1211 (192) S=0.047	-0.0258 (94) S=0.403	-0.0868 (191) S=0.116
T19	0.1913 (21) S=0.203	0.0048 (21) S=0.492	0.0018 (192) S=0.490	-0.0335 (94) S=0.374	0.1540 (191) S=0.017
T20	-0.1286 (21) S=0.289	-0.1142 (21) S=0.311	-0.0510 (192) S=0.241	-0.0581 (94) S=0.289	-0.1370 (191) S=0.029
T21	-0.3961 (21) S=0.038	-0.2488 (21) S=0.138	-0.1713 (192) S=0.009	-0.0342 (94) S=0.372	-0.0780 (191) S=0.142
T22	-0.0482 (21) S=0.418	-0.1622 (21) S=0.241	0.0568 (192) S=0.217	-0.0391 (94) S=0.354	0.0043 (191) S=0.477
T23	0.7928 (21) S=0.001	0.7444 (21) S=0.001	0.3744 (21) S=0.047	0.2335 (21) S=0.154	0.0124 (21) S=0.479
T24	0.6953 (21) S=0.001	0.7405 (21) S=0.001	0.4795 (21) S=0.014	0.4046 (21) S=0.034	0.2756 (21) S=0.113

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 5
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	T25	T26	T27	T28	T29
T25	1.0000 (0) S=0.001	0.8576 (21) S=0.001	0.4020 (21) S=0.035	0.2270 (21) S=0.161	0.0133 (21) S=0.477
T26		1.0000 (0) S=0.001	0.4152 (21) S=0.031	0.3499 (21) S=0.060	0.1478 (21) S=0.261
T27			1.0000 (0) S=0.001	0.2454 (55) S=0.008	0.2135 (192) S=0.001
T28				1.0000 (0) S=0.001	0.5076 (94) S=0.001
T29					1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

Correlation Matrix of Student Variables

Grade Six

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

VARIABLE	CASES	MEAN	STD DEV
T1	188	33.7548	5.0096
T2	189	31.3386	6.1584
T3	188	33.0293	8.4302
T4	189	31.1340	8.0904
T5	188	27.7119	4.1386
T6	189	20.7547	3.9201
T7	188	20.8750	5.6855
T8	185	26.2513	5.8444
T9	188	58.8255	8.4624
T10	185	58.3259	7.1187
T11	189	67.7271	14.1182
T12	189	65.5467	13.9744
T13	187	25.3797	8.9935
T14	189	10.4868	6.0929
T15	188	19.0107	5.6703
T16	189	11.2857	3.1979
T17	185	12.2098	3.0503
T18	188	25.9297	4.3014
T19	188	28.4093	3.5181
T20	188	20.9276	3.4287
T21	188	24.3783	3.4666
T22	188	11.1436	1.7198
T23	27	52.2185	3.6088
T24	27	50.9516	4.6452
T25	27	51.7000	3.6728
T26	27	54.0296	8.5609
T27	185	8.1958	1.8847
T28	54	9.0745	1.6080
T29	185	9.6243	1.4409

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T1	1.0000 (0) S=0.001	0.2485 (188) S=0.001	0.3508 (188) S=0.001	0.1588 (188) S=0.015	0.3265 (188) S=0.001	0.2105 (188) S=0.002	0.2477 (188) S=0.001	0.0217 (188) S=0.384
T2		1.0000 (0) S=0.001	0.0351 (188) S=0.316	0.4115 (189) S=0.001	-0.0010 (188) S=0.495	0.4201 (189) S=0.001	0.0181 (188) S=0.403	0.2656 (189) S=0.001
T3			1.0000 (0) S=0.001	0.5134 (188) S=0.001	0.7348 (188) S=0.001	0.4607 (188) S=0.001	0.5536 (188) S=0.001	0.2332 (188) S=0.001
T4				1.0000 (0) S=0.001	0.4387 (188) S=0.001	0.7712 (189) S=0.001	0.2948 (188) S=0.001	0.5128 (189) S=0.001
T5					1.0000 (0) S=0.001	0.5217 (188) S=0.001	0.5879 (188) S=0.001	0.2692 (188) S=0.001
T6						1.0000 (0) S=0.001	0.3732 (188) S=0.001	0.5388 (189) S=0.001
T7							1.0000 (0) S=0.001	0.5078 (188) S=0.001
T8								1.0000 (0) S=0.001

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T9	0.3725 (186) S=0.001	0.0202 (188) S=0.392	0.3765 (188) S=0.001	0.1455 (188) S=0.023	0.4584 (188) S=0.001	0.2110 (188) S=0.002	0.3533 (188) S=0.001	0.1059 (188) S=0.074
T10	0.1330 (186) S=0.034	0.2258 (189) S=0.001	0.2357 (188) S=0.001	0.3351 (189) S=0.001	0.2450 (188) S=0.001	0.3133 (189) S=0.001	0.2416 (188) S=0.001	0.2175 (189) S=0.001
T11	0.1474 (186) S=0.022	-0.0229 (189) S=0.377	0.3234 (188) S=0.001	0.1809 (189) S=0.006	0.4293 (188) S=0.001	0.2802 (189) S=0.001	0.3637 (188) S=0.001	0.1755 (189) S=0.008
T12	0.1122 (186) S=0.063	0.0606 (189) S=0.204	0.1929 (188) S=0.004	0.2205 (189) S=0.001	0.3032 (188) S=0.001	0.2769 (189) S=0.001	0.3147 (188) S=0.001	0.2073 (189) S=0.002
T13	0.1279 (186) S=0.041	-0.0448 (187) S=0.271	0.1052 (186) S=0.077	-0.0405 (187) S=0.291	0.1278 (186) S=0.041	0.0028 (187) S=0.485	0.0598 (186) S=0.209	-0.0138 (187) S=0.426
T14	0.1293 (186) S=0.036	-0.0956 (189) S=0.095	0.2071 (188) S=0.002	0.0124 (189) S=0.433	0.1504 (188) S=0.020	0.0097 (189) S=0.448	0.1034 (188) S=0.079	-0.0151 (189) S=0.418
T15	0.0553 (185) S=0.226	-0.0061 (186) S=0.467	0.0640 (185) S=0.193	0.0348 (186) S=0.319	0.0670 (185) S=0.182	.0036 (186) S=0.480	0.0584 (185) S=0.215	0.0419 (186) S=0.285
T16	0.0676 (186) S=0.178	-0.0727 (189) S=0.160	0.0513 (188) S=0.242	-0.1031 (189) S=0.079	0.0533 (188) S=0.234	-0.0730 (189) S=0.159	0.0799 (188) S=0.138	-0.0502 (189) S=0.246

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T17	0.0804 (188) S=0.114	-0.0076 (189) S=0.459	0.0778 (188) S=0.144	-0.0562 (189) S=0.221	0.1090 (188) S=0.068	-0.0331 (189) S=0.326	0.1145 (188) S=0.059	-0.0111 (189) S=0.440
T18	0.1443 (187) S=0.024	-0.0009 (188) S=0.495	0.2298 (187) S=0.001	0.3038 (188) S=0.001	0.2058 (187) S=0.002	0.1377 (188) S=0.030	0.1511 (187) S=0.020	0.1991 (188) S=0.003
T19	0.1145 (187) S=0.059	0.1303 (188) S=0.037	0.1975 (187) S=0.003	0.2455 (188) S=0.001	0.2163 (187) S=0.001	0.2982 (188) S=0.001	0.3442 (187) S=0.001	0.4602 (188) S=0.001
T20	-0.1043 (187) S=0.078	-0.2353 (188) S=0.001	-0.0800 (187) S=0.138	-0.1383 (188) S=0.029	-0.1348 (187) S=0.033	-0.1922 (188) S=0.004	-0.1896 (187) S=0.005	-0.3264 (188) S=0.001
T21	0.0490 (187) S=0.253	-0.0144 (188) S=0.422	0.1225 (187) S=0.047	0.1924 (188) S=0.004	0.1228 (187) S=0.047	0.0776 (188) S=0.145	0.1016 (187) S=0.083	0.1951 (188) S=0.004
T22	0.0761 (187) S=0.150	0.1708 (188) S=0.007	0.1651 (187) S=0.012	0.1744 (188) S=0.008	0.2240 (187) S=0.001	0.2330 (188) S=0.001	0.2032 (187) S=0.003	0.2184 (188) S=0.001
T23	0.0065 (27) S=0.487	0.3503 (27) S=0.037	-0.3741 (27) S=0.027	0.3084 (27) S=0.059	-0.2104 (27) S=0.146	0.1522 (27) S=0.168	-0.1627 (27) S=0.181	-0.0297 (27) S=0.442
T24	0.1294 (27) S=0.260	0.3823 (27) S=0.025	-0.3447 (27) S=0.039	0.1127 (27) S=0.288	-0.0513 (27) S=0.400	0.1645 (27) S=0.206	-0.2532 (27) S=0.101	-0.0340 (27) S=0.433

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T1	T2	T3	T4	T5	T6	T7	T8
T25	-0.0846 (27) S=0.337	0.3214 (27) S=0.051	-0.2738 (27) S=0.083	0.3448 (27) S=0.039	-0.1200 (27) S=0.275	0.2412 (27) S=0.113	-0.1667 (27) S=0.203	-0.0015 (27) S=0.497
T26	-0.0045 (27) S=0.490	0.3299 (27) S=0.035	-0.3287 (27) S=0.047	0.2588 (27) S=0.096	-0.2898 (27) S=0.071	0.1729 (27) S=0.194	-0.2462 (27) S=0.108	0.1593 (27) S=0.214
T27	0.0944 (188) S=0.099	0.0672 (189) S=0.180	0.1540 (188) S=0.017	0.0859 (189) S=0.109	0.1887 (188) S=0.005	0.1681 (189) S=0.010	0.2261 (188) S=0.001	0.0735 (189) S=0.158
T28	0.0606 (94) S=0.219	0.0360 (94) S=0.358	0.2462 (94) S=0.008	0.2314 (94) S=0.012	0.1112 (94) S=0.143	0.2202 (94) S=0.016	0.1872 (94) S=0.035	0.1561 (94) S=0.067
T29	0.1393 (188) S=0.028	0.0431 (189) S=0.278	0.0875 (188) S=0.116	0.0659 (189) S=0.184	0.0791 (188) S=0.140	0.1294 (189) S=0.038	0.0570 (188) S=0.219	0.0621 (189) S=0.198

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - -

	T9	T10	T11	T12	T13	T14	T15	T16
T1	0.3725	0.1330	0.1474	0.1122	0.1279	0.1293	0.0553	0.0676
	(188)	(188)	(186)	(188)	(186)	(188)	(185)	(188)
	S=0.001	S=0.034	S=0.022	S=0.063	S=0.041	S=0.038	S=0.228	S=0.178
T2	0.0202	0.2238	-0.0229	0.0606	-0.0448	-0.0958	-0.0061	-0.0727
	(188)	(189)	(189)	(189)	(187)	(189)	(186)	(189)
	S=0.392	S=0.001	S=0.377	S=0.204	S=0.271	S=0.095	S=0.467	S=0.160
T3	0.3765	0.2357	0.3234	0.1929	0.1052	0.2071	0.0640	0.0513
	(188)	(188)	(188)	(188)	(186)	(188)	(185)	(188)
	S=0.001	S=0.001	S=0.001	S=0.004	S=0.077	S=0.002	S=0.193	S=0.242
T4	0.1455	0.3351	0.1809	0.2205	-0.0405	0.0124	0.0348	-0.1031
	(188)	(189)	(189)	(189)	(187)	(189)	(186)	(189)
	S=0.023	S=0.001	S=0.006	S=0.001	S=0.291	S=0.433	S=0.319	S=0.079
T5	0.4584	0.2450	0.4293	0.3032	0.1278	0.1504	0.0670	0.0533
	(188)	(188)	(186)	(186)	(186)	(188)	(185)	(188)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.041	S=0.020	S=0.182	S=0.234
T6	0.2110	0.3133	0.2602	0.2769	0.0028	0.0097	0.0036	-0.0730
	(188)	(189)	(189)	(189)	(187)	(189)	(186)	(189)
	S=0.002	S=0.001	S=0.001	S=0.001	S=0.485	S=0.448	S=0.480	S=0.159
T7	0.3533	0.2416	0.3637	0.3147	0.0598	0.1034	0.0584	0.0799
	(188)	(188)	(186)	(186)	(186)	(188)	(185)	(188)
	S=0.001	S=0.001	S=0.001	S=0.001	S=0.209	S=0.079	S=0.215	S=0.138
T8	0.1059	0.2175	0.1755	0.2073	-0.0138	-0.0151	0.0419	-0.0502
	(188)	(189)	(189)	(189)	(187)	(189)	(186)	(189)
	S=0.074	S=0.001	S=0.006	S=0.002	S=0.426	S=0.418	S=0.285	S=0.246

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T9	1.0000 (0) S=0.001	0.6664 (188) S=0.001	0.6125 (186) S=0.001	0.5536 (186) S=0.001	0.3674 (186) S=0.001	0.4390 (188) S=0.001	0.3357 (185) S=0.001	0.3346 (188) S=0.001
T10		1.0000 (0) S=0.001	0.5557 (189) S=0.001	0.6521 (189) S=0.001	0.3356 (187) S=0.001	0.4498 (189) S=0.001	0.4244 (186) S=0.001	0.3497 (189) S=0.001
T11			1.0000 (0) S=0.001	0.6446 (189) S=0.001	0.4328 (187) S=0.001	0.4244 (189) S=0.001	0.3458 (186) S=0.001	0.3563 (189) S=0.001
T12				1.0000 (0) S=0.001	0.4322 (187) S=0.001	0.3800 (189) S=0.001	0.2736 (186) S=0.001	0.3317 (189) S=0.001
T13					1.0000 (0) S=0.001	0.7873 (187) S=0.001	0.7525 (185) S=0.001	0.7040 (187) S=0.001
T14						1.0000 (0) S=0.001	0.8091 (186) S=0.001	0.7075 (189) S=0.001
T15							1.0000 (0) S=0.001	0.7224 (186) S=0.001
T16								1.0000 (0) S=0.001

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T9	T10	T11	T12	T13	T14	T15	T16
T17	0.3168 (188) S=0.001	0.3459 (189) S=0.001	0.3336 (189) S=0.001	0.3556 (189) S=0.001	0.6448 (187) S=0.001	0.6489 (189) S=0.001	0.7200 (186) S=0.001	0.6359 (189) S=0.001
T18	0.1314 (187) S=0.037	0.1551 (188) S=0.017	0.1092 (188) S=0.066	0.1642 (188) S=0.012	0.0812 (186) S=0.135	0.1662 (188) S=0.011	0.1371 (185) S=0.031	0.1019 (188) S=0.082
T19	0.2470 (187) S=0.001	0.3424 (188) S=0.001	0.2834 (188) S=0.001	0.3269 (188) S=0.001	0.2092 (186) S=0.002	0.2246 (188) S=0.001	0.2827 (185) S=0.001	0.2682 (188) S=0.001
T20	-0.1582 (187) S=0.015	-0.2065 (188) S=0.002	-0.1361 (188) S=0.031	-0.1864 (188) S=0.005	-0.1761 (186) S=0.008	-0.1139 (188) S=0.060	-0.1825 (185) S=0.006	-0.1443 (188) S=0.024
T21	0.0218 (187) S=0.384	0.0261 (188) S=0.361	0.0229 (188) S=0.376	0.0947 (188) S=0.098	0.0238 (186) S=0.374	0.0494 (188) S=0.250	0.0712 (185) S=0.168	0.0039 (188) S=0.484
T22	0.1748 (187) S=0.008	0.1522 (188) S=0.019	0.1490 (188) S=0.021	0.1514 (188) S=0.019	-0.0920 (186) S=0.106	-0.0294 (188) S=0.345	-0.0499 (185) S=0.250	-0.0858 (188) S=0.121
T23	-0.1035 (27) S=0.304	0.2227 (27) S=0.132	-0.0116 (27) S=0.477	0.2327 (27) S=0.121	0.0748 (27) S=0.355	0.0841 (27) S=0.338	0.1485 (27) S=0.230	0.1645 (27) S=0.206
T24	0.0732 (27) S=0.358	0.2535 (27) S=0.101	0.0411 (27) S=0.419	0.2054 (27) S=0.152	0.3216 (27) S=0.051	0.2415 (27) S=0.112	0.3018 (27) S=0.063	0.2909 (27) S=0.071

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

- - - - - - - - - - - - - - - P E A R S O N C O R R E L A T I O N C O E F F I C I E N T S - - - - - - - - - - - - - -

	T9	T10	T11	T12	T13	T14	T15	T16
T25	0.0730 (27) S=0.359	0.4210 (27) S=0.014	-0.0015 (27) S=0.497	0.4066 (27) S=0.018	-0.0314 (27) S=0.438	0.0912 (27) S=0.326	-0.0329 (27) S=0.435	-0.0468 (27) S=0.408
T26	0.0488 (27) S=0.404	0.3854 (27) S=0.024	-0.0145 (27) S=0.471	0.3700 (27) S=0.029	0.0493 (27) S=0.403	0.1789 (27) S=0.186	0.2100 (27) S=0.147	0.1070 (27) S=0.298
T27	0.2387 (188) S=0.001	0.2610 (185) S=0.001	0.3056 (189) S=0.001	0.2159 (185) S=0.001	0.2108 (187) S=0.002	0.1862 (189) S=0.005	0.2565 (186) S=0.001	0.1742 (189) S=0.008
T28	0.2823 (94) S=0.003	0.2444 (94) S=0.009	0.2602 (94) S=0.006	0.2363 (94) S=0.011	0.2518 (93) S=0.007	0.3240 (94) S=0.001	0.3350 (93) S=0.001	0.1652 (94) S=0.056
T29	0.2418 (188) S=0.001	0.2285 (189) S=0.001	0.2394 (189) S=0.001	0.1684 (189) S=0.010	0.4126 (187) S=0.001	0.3808 (189) S=0.001	0.4797 (186) S=0.001	0.3790 (189) S=0.001

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T1	0.0884 (188) S=0.114	0.1443 (187) S=0.024	0.1145 (187) S=0.059	-0.1043 (187) S=0.078	0.0490 (187) S=0.253	0.0761 (187) S=0.150	0.0065 (27) S=0.487	0.1294 (27) S=0.260
T2	-0.0076 (189) S=0.459	-0.0009 (188) S=0.495	0.1303 (188) S=0.037	-0.2353 (188) S=0.001	-0.0144 (188) S=0.422	0.1788 (188) S=0.007	0.3503 (27) S=0.037	0.3823 (27) S=0.025
T3	0.0778 (188) S=0.144	0.2298 (187) S=0.001	0.1975 (187) S=0.003	-0.0800 (187) S=0.138	0.1225 (187) S=0.047	0.1651 (187) S=0.012	-0.3741 (27) S=0.027	-0.3447 (27) S=0.039
T4	-0.0562 (189) S=0.221	0.3038 (188) S=0.001	0.2455 (188) S=0.001	-0.1383 (188) S=0.029	0.1924 (188) S=0.004	0.1744 (188) S=0.008	0.3084 (27) S=0.059	0.1127 (27) S=0.288
T5	0.1090 (188) S=0.068	0.2058 (187) S=0.002	0.2163 (187) S=0.001	-0.1348 (187) S=0.033	0.1226 (187) S=0.047	0.2240 (187) S=0.001	-0.2104 (27) S=0.146	-0.0513 (27) S=0.400
T6	-0.0231 (189) S=0.326	0.1377 (188) S=0.030	0.2982 (188) S=0.001	-0.1922 (188) S=0.004	0.0776 (188) S=0.145	0.2330 (188) S=0.001	0.1922 (27) S=0.168	0.1645 (27) S=0.206
T7	0.1145 (188) S=0.059	0.1511 (187) S=0.020	0.3442 (187) S=0.001	-0.1856 (187) S=0.005	0.1016 (187) S=0.083	0.2032 (187) S=0.003	-0.1827 (27) S=0.181	-0.2532 (27) S=0.101
T8	-0.0111 (189) S=0.440	0.1991 (188) S=0.003	0.4602 (188) S=0.001	-0.3264 (188) S=0.001	0.1951 (188) S=0.004	0.2184 (188) S=0.001	-0.0297 (27) S=0.442	-0.0340 (27) S=0.433

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T9	0.3168 (188) S=0.001	0.1314 (187) S=0.037	0.2470 (187) S=0.001	-0.1562 (187) S=0.015	0.0218 (187) S=0.384	0.1748 (187) S=0.008	-0.1035 (27) S=0.304	0.0732 (27) S=0.358
T10	0.3459 (189) S=0.001	0.1551 (188) S=0.017	0.3424 (188) S=0.001	-0.2065 (188) S=0.002	0.0261 (188) S=0.361	0.1522 (188) S=0.019	0.2227 (27) S=0.132	0.2535 (27) S=0.101
T11	0.3336 (189) S=0.001	0.1092 (188) S=0.068	0.2834 (188) S=0.001	-0.1361 (188) S=0.031	0.0229 (188) S=0.378	0.1490 (188) S=0.021	-0.0116 (27) S=0.477	0.0411 (27) S=0.419
T12	0.3536 (189) S=0.001	0.1642 (188) S=0.012	0.3269 (188) S=0.001	-0.1884 (188) S=0.005	0.0947 (188) S=0.098	0.1514 (188) S=0.019	0.2327 (27) S=0.121	0.2054 (27) S=0.152
T13	0.6448 (187) S=0.001	0.0812 (186) S=0.135	0.2092 (186) S=0.002	-0.1761 (186) S=0.008	0.0238 (186) S=0.374	-0.0920 (186) S=0.106	0.0748 (27) S=0.355	0.3216 (27) S=0.051
T14	0.6489 (189) S=0.001	0.1662 (188) S=0.011	0.2246 (188) S=0.001	-0.1139 (188) S=0.060	0.0494 (188) S=0.250	-0.0294 (188) S=0.345	0.0841 (27) S=0.338	0.2415 (27) S=0.112
T15	0.7200 (186) S=0.001	0.1371 (185) S=0.031	0.2827 (185) S=0.001	-0.1825 (185) S=0.006	0.0712 (185) S=0.166	-0.0499 (185) S=0.250	0.1485 (27) S=0.230	0.3018 (27) S=0.063
T16	0.6399 (189) S=0.001	0.1019 (188) S=0.082	0.2682 (188) S=0.001	-0.1443 (188) S=0.024	0.0029 (188) S=0.484	-0.0656 (188) S=0.121	0.1645 (27) S=0.206	0.2909 (27) S=0.071

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T17	1.0000 (0) S=0.001	-0.0226 (188) S=0.379	0.2566 (188) S=0.001	-0.1974 (188) S=0.003	0.0175 (188) S=0.406	-0.0306 (188) S=0.339	0.0604 (27) S=0.382	0.2275 (27) S=0.127
T18		1.0000 (0) S=0.001	0.2133 (188) S=0.002	0.0749 (188) S=0.154	0.5866 (188) S=0.001	-0.0220 (188) S=0.382	0.3248 (27) S=0.049	0.3777 (27) S=0.026
T19			1.0000 (0) S=0.001	-0.6154 (188) S=0.001	0.0328 (188) S=0.327	0.2096 (188) S=0.002	-0.0263 (27) S=0.448	0.0611 (27) S=0.381
T20				1.0000 (0) S=0.001	0.1566 (188) S=0.016	-0.1826 (188) S=0.006	0.0472 (27) S=0.408	-0.0357 (27) S=0.422
T21					1.0000 (0) S=0.001	0.0314 (188) S=0.334	0.0830 (27) S=0.340	0.1082 (27) S=0.296
T22						1.0000 (0) S=0.001	-0.1233 (27) S=0.270	-0.2057 (27) S=0.152
T23							1.0000 (0) S=0.001	0.7227 (27) S=0.001
T24								1.0000 (0) S=0.001

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T17	T18	T19	T20	T21	T22	T23	T24
T25	-0.2095 (27) S=0.147	0.1206 (27) S=0.274	-0.1564 (27) S=0.163	0.1460 (27) S=0.234	-0.0157 (27) S=0.469	-0.0596 (27) S=0.384	0.6781 (27) S=0.001	0.3521 (27) S=0.036
T26	-0.0235 (27) S=0.454	0.1572 (27) S=0.217	0.0265 (27) S=0.448	0.0402 (27) S=0.421	0.1929 (27) S=0.167	0.0085 (27) S=0.483	0.5925 (27) S=0.001	0.5027 (27) S=0.004
T27	0.2869 (189) S=0.001	0.1354 (188) S=0.032	0.1815 (188) S=0.006	-0.0846 (188) S=0.124	0.1510 (186) S=0.037	0.1088 (186) S=0.069	0.2293 (27) S=0.125	0.1294 (27) S=0.260
T28	0.2128 (94) S=0.020	0.1590 (94) S=0.063	0.2002 (94) S=0.027	-0.1257 (94) S=0.106	0.2634 (94) S=0.005	0.0602 (94) S=0.282	0.0184 (27) S=0.464	0.0311 (27) S=0.439
T29	0.3233 (189) S=0.001	0.0757 (188) S=0.151	0.2194 (188) S=0.001	-0.2368 (188) S=0.001	0.0482 (188) S=0.256	-0.0273 (188) S=0.355	0.4176 (27) S=0.015	0.3865 (27) S=0.023

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DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T1	-0.0848 (27) S=0.337	-0.0049 (27) S=0.490	0.0944 (188) S=0.099	0.0808 (94) S=0.219	0.1393 (188) S=0.028
T2	0.3214 (27) S=0.051	0.3599 (27) S=0.033	0.0872 (189) S=0.116	0.0380 (94) S=0.358	0.0431 (189) S=0.278
T3	-0.2738 (27) S=0.083	-0.3287 (27) S=0.047	0.1540 (188) S=0.017	0.2462 (94) S=0.008	0.0875 (188) S=0.116
T4	0.3448 (27) S=0.039	0.2588 (27) S=0.096	0.0859 (189) S=0.109	0.2314 (94) S=0.012	0.0659 (189) S=0.184
T5	-0.1200 (27) S=0.275	-0.2898 (27) S=0.071	0.1887 (188) S=0.005	0.1112 (94) S=0.143	0.0791 (188) S=0.140
T6	0.2412 (27) S=0.113	0.1729 (27) S=0.194	0.1681 (189) S=0.010	0.2202 (94) S=0.016	0.1294 (189) S=0.038
T7	-0.1667 (27) S=0.203	-0.2462 (27) S=0.108	0.2261 (188) S=0.001	0.1872 (94) S=0.035	0.0570 (188) S=0.219
T8	-0.0015 (27) S=0.497	0.1593 (27) S=0.214	0.0735 (189) S=0.158	0.1561 (94) S=0.067	0.0621 (189) S=0.198

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T9	0.0730 (27) S=0.359	0.0488 (27) S=0.404	0.2387 (188) S=0.001	0.2823 (94) S=0.003	0.2418 (188) S=0.001
T10	0.4210 (27) S=0.014	0.3854 (27) S=0.024	0.2610 (189) S=0.001	0.2444 (94) S=0.009	0.2289 (189) S=0.001
T11	-0.0015 (27) S=0.497	-0.0145 (27) S=0.471	0.3058 (189) S=0.001	0.2602 (94) S=0.006	0.2394 (189) S=0.001
T12	0.4066 (27) S=0.018	0.3700 (27) S=0.029	0.2159 (189) S=0.001	0.2363 (94) S=0.011	0.1684 (189) S=0.010
T13	-0.0314 (27) S=0.438	0.0493 (27) S=0.403	0.2108 (187) S=0.002	0.2518 (93) S=0.007	0.4126 (187) S=0.001
T14	0.0912 (27) S=0.326	0.1789 (27) S=0.186	0.1862 (189) S=0.005	0.3240 (94) S=0.001	0.3808 (189) S=0.001
T15	-0.0329 (27) S=0.435	0.2100 (27) S=0.147	0.2565 (186) S=0.001	0.3350 (93) S=0.001	0.4797 (186) S=0.001
T16	-0.0468 (27) S=0.408	0.1070 (27) S=0.298	0.1742 (189) S=0.008	0.1652 (94) S=0.056	0.3790 (189) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

PEARSON CORRELATION COEFFICIENTS

	T25	T26	T27	T28	T29
T17	-0.2095 (27) S=0.147	-0.0235 (27) S=0.454	0.2869 (189) S=0.001	0.2128 (94) S=0.020	0.3233 (189) S=0.001
T18	0.1206 (27) S=0.274	0.1572 (27) S=0.217	0.1354 (188) S=0.032	0.1590 (94) S=0.063	0.0757 (188) S=0.151
T19	-0.1964 (27) S=0.163	0.0265 (27) S=0.448	0.1815 (188) S=0.006	0.2002 (94) S=0.027	0.2194 (188) S=0.001
T20	0.1460 (27) S=0.234	0.0402 (27) S=0.421	-0.0846 (188) S=0.124	-0.1297 (94) S=0.106	-0.2368 (188) S=0.001
T21	-0.0157 (27) S=0.469	0.1929 (27) S=0.167	0.1310 (188) S=0.037	0.2634 (94) S=0.005	0.0482 (188) S=0.256
T22	-0.0596 (27) S=0.384	0.0085 (27) S=0.483	0.1088 (188) S=0.069	0.0602 (94) S=0.282	-0.0273 (188) S=0.355
T23	0.6781 (27) S=0.001	0.5925 (27) S=0.001	0.2293 (27) S=0.125	0.0184 (27) S=0.464	0.4176 (27) S=0.015
T24	0.3521 (27) S=0.036	0.5027 (27) S=0.004	0.1294 (27) S=0.260	0.0311 (27) S=0.439	0.3865 (27) S=0.023

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(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

SAMPLE SIZE IN PARENTHESES
S=LEVEL OF SIGNIFICANCE

DESCRIPTIVE STATISTICS OF STUDENT MEASURES
INTERCORRELATIONS BETWEEN ALL STUDENT MEASURES: GRADE 6
FILE NONAME (CREATION DATE = 11/16/75)

- - - - - - - - - - - - - - PEARSON CORRELATION COEFFICIENTS - - - - - - - - - - - -

	T25	T26	T27	T28	T29
T25	1.0000 (0) S=0.001	0.7409 (27) S=0.001	0.0357 (27) S=0.430	C.1c06 (27) S=C.184	0.3960 (27) S=0.020
T26		1.0000 (0) S=0.001	0.0415 (27) S=0.419	0.1656 (27) S=C.205	0.2648 (27) S=0.091
T27			1.0000 (0) S=0.001	C.3468 (94) S=C.001	0.4249 (189) S=0.001
T28				1.C000 (0) S=C.C01	0.5353 (94) S=0.001
T29					1.0000 (0) S=0.001

(COEFFICIENT / (CASES) / SIGNIFICANCE) (A VALUE OF 99.0000 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED)

Social Studies Achievement Test

SOCIAL STUDIES ACHIEVEMENT TEST --PRE: GRADE 4

SCALE STATISTICS:

NUMBER OF CASES	=	191
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	8.265
STANDARD DEVIATION	=	3.668
CRONBACH'S ALPHA	=	0.729
ERROR OF MEASUREMENT	=	1.911

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.751	0.768	0.444	3.141
2	0.783	0.804	0.460	3.665
3	0.540	0.729	0.541	26.702
4	0.757	0.761	0.495	1.571
5	0.455	0.500	0.369	9.948
6	0.180	0.279	0.411	36.126
7	0.524	0.585	0.388	12.042
8	0.312	0.339	0.226	6.901
9	0.270	0.300	0.175	10.995
10	0.280	0.303	0.251	8.377
11	0.212	0.245	0.065	14.660
12	0.381	0.424	0.518	10.995
13	0.434	0.503	0.434	14.660
14	0.471	0.571	0.549	18.325
15	0.360	0.453	0.328	21.466
16	0.561	0.684	0.690	16.848
17	0.407	0.510	0.523	20.942
18	0.217	0.279	0.351	25.037
19	0.175	0.266	0.057	33.079
20	0.206	0.300	0.190	31.937

NORMAL FINISH

SOCIAL STUDIES SCORE (C09) --

SOCIAL STUDIES ACHIEVEMENT TEST -- PRE: GRADE 5

SCALE STATISTICS:

NUMBER OF CASES	=	196
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	10.713
STANDARD DEVIATION	=	3.681
CRONBACH'S ALPHA	=	0.712
ERROR OF MEASUREMENT	=	1.975

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.774	0.774	0.492	0.510
2	0.810	0.823	0.502	2.041
3	0.646	0.752	0.541	16.878
4	0.728	0.736	0.510	1.531
5	0.528	0.551	0.318	4.592
6	0.272	0.358	0.079	24.490
7	0.662	0.657	0.443	5.612
8	0.508	0.527	0.397	4.082
9	0.364	0.382	0.134	5.102
10	0.538	0.550	0.429	2.551
11	0.297	0.317	0.206	6.633
12	0.626	0.646	0.539	3.571
13	0.456	0.484	0.226	6.122
14	0.615	0.656	0.530	8.633
15	0.549	0.575	0.314	5.102
16	0.764	0.788	0.668	3.571
17	0.641	0.661	0.729	3.571
18	0.323	0.341	0.214	5.612
19	0.277	0.331	-0.069	16.837
20	0.338	0.379	0.067	11.224

NORMAL FINISH

SOCIAL STUDIES SCORE (009) --

SOCIAL STUDIES ACHIEVEMENT TEST --PRE: GRADE 6

SCALE STATISTICS:

NUMBER OF CASES	=	192
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	12.219
STANDARD DEVIATION	=	3.533
CRONBACH'S ALPHA	=	0.704
ERROR OF MEASUREMENT	=	1.922

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.817	0.817	0.170	0.521
2	0.906	0.911	0.560	1.042
3	0.707	0.804	0.562	12.500
4	0.827	0.827	0.653	0.521
5	0.613	0.619	0.314	1.562
6	0.366	0.438	0.018	16.667
7	0.759	0.780	0.412	3.125
8	0.497	0.514	0.483	3.646
9	0.419	0.428	0.205	2.604
10	0.675	0.686	0.342	2.083
11	0.293	0.301	0.260	3.125
12	0.675	0.694	0.369	3.125
13	0.618	0.624	0.353	1.562
14	0.717	0.725	0.347	1.562
15	0.581	0.587	0.271	1.562
16	0.785	0.794	0.482	1.562
17	0.743	0.755	0.614	2.083
18	0.466	0.481	0.340	3.646
19	0.340	0.376	0.248	9.896
20	0.414	0.446	0.230	7.812

NORMAL FINISH

SOCIAL STUDIES SCORE (009) --

SOCIAL STUDIES
ACHIEVEMENT TEST -- POST: GRADE 4

SCALE STATISTICS:

NUMBER OF CASES	=	191
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	10.147
STANDARD DEVIATION	=	3.586
CRONBACH'S ALPHA	=	0.700
ERROR OF MEASUREMENT	=	1.963

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.789	0.802	0.152	2.094
2	0.784	0.788	0.433	1.047
3	0.700	0.782	0.574	10.995
4	0.821	0.825	0.468	1.047
5	0.474	0.497	0.246	5.236
6	0.311	0.378	0.243	18.325
7	0.684	0.718	0.384	5.236
8	0.353	0.376	0.468	6.806
9	0.300	0.315	0.093	5.236
10	0.379	0.389	0.410	3.141
11	0.226	0.238	0.176	5.236
12	0.594	0.610	0.598	4.712
13	0.426	0.453	0.184	6.283
14	0.511	0.554	0.508	8.377
15	0.458	0.500	0.370	8.901
16	0.737	0.761	0.446	3.665
17	0.584	0.620	0.470	6.283
18	0.400	0.425	0.456	6.283
19	0.242	0.287	0.044	16.230
20	0.389	0.425	0.246	8.901

NORMAL FINISH

SOCIAL STUDIES SCORE (009) --

SOCIAL STUDIES ACHIEVEMENT TEST -- POST: GRADE 5

SCALE STATISTICS:

NUMBER OF CASES	=	196
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	11.790
STANDARD DEVIATION	=	3.648
CRONBACH'S ALPHA	=	0.718
ERROR OF MEASUREMENT	=	1.936

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.733	0.737	0.215	1.020
2	0.846	0.859	0.584	2.041
3	0.764	0.797	0.460	4.592
4	0.795	0.795	0.571	0.510
5	0.497	0.508	0.381	2.551
6	0.379	0.443	0.127	14.796
7	0.718	0.745	0.450	4.082
8	0.533	0.542	0.362	2.041
9	0.400	0.402	0.306	1.020
10	0.621	0.624	0.568	1.020
11	0.256	0.260	0.171	2.041
12	0.672	0.675	0.563	1.020
13	0.549	0.552	0.378	1.020
14	0.662	0.675	0.355	2.551
15	0.544	0.549	0.303	1.531
16	0.872	0.872	0.578	0.510
17	0.713	0.724	0.751	2.041
18	0.497	0.505	0.266	2.041
19	0.272	0.293	0.032	7.653
20	0.472	0.489	0.260	4.082

NORMAL FINISH

SOCIAL STUDIES SCORE (009) --

SOCIAL STUDIES ACHIEVEMENT TEST --POST GRADE 6

SCALE STATISTICS:

NUMBER OF CASES	=	192
NUMBER OF ITEMS	=	20
MEAN TOTAL SCORE	=	13.271
STANDARD DEVIATION	=	3.335
CRONBACH'S ALPHA	=	0.690
ERROR OF MEASUREMENT	=	1.857

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.698	0.702	-0.150	0.521
2	0.569	0.574	0.309	0.521
3	0.828	0.833	0.517	0.250
4	0.896	0.896	0.476	0.0
5	0.609	0.616	0.390	1.042
6	0.380	0.422	0.084	9.896
7	0.802	0.819	0.445	2.083
8	0.667	0.677	0.626	1.562
9	0.536	0.542	0.243	1.042
10	0.745	0.749	0.652	0.521
11	0.297	0.305	0.100	2.604
12	0.703	0.714	0.501	1.562
13	0.693	0.693	0.448	0.0
14	0.755	0.767	0.391	1.562
15	0.536	0.545	0.139	1.562
16	0.854	0.859	0.606	0.521
17	0.828	0.832	0.591	0.521
18	0.595	0.605	0.543	1.042
19	0.401	0.423	0.171	5.208
20	0.474	0.492	0.397	3.646

NORMAL FINISH

Work Study Skills Instrument

WORK STUDY SKILLS INSTRUMENT --PRE:
GRADE 4

SCALE STATISTICS:

NUMBER OF CASES	=	151
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	20.180
STANDARD DEVIATION	=	4.333
COEFFICIENT ALPHA	=	0.657
STANDARD ERROR OF MEASUREMENT	=	2.565

ITEM STATISTICS:

ITEM	P+S	P-BIS. P+S	R-BIS. BIS	PERCENT AT
1	0.000	0.000	0.000	0.000
2	0.524	0.550	0.424	0.737
3	0.423	0.447	0.405	0.603
4	0.515	0.566	0.512	0.424
5	0.561	0.627	0.525	11.258
6	0.254	0.285	0.243	13.907
7	0.223	0.240	0.111	4.100
8	0.378	0.357	0.320	0.603
9	0.425	0.453	0.447	0.603
10	0.407	0.440	0.167	0.311
11	0.545	0.585	0.207	0.311
12	0.270	0.290	0.304	1.333
13	0.153	0.165	0.300	1.833
14	0.465	0.474	0.370	13.471
15	0.640	0.678	0.307	0.199
16	0.402	0.455	0.203	12.300
17	0.302	0.343	0.324	13.037
18	0.196	0.223	0.060	13.037
19	0.259	0.301	0.419	14.000
20	0.254	0.292	0.093	12.042
21	0.153	0.171	0.233	10.995
22	0.230	0.266	0.278	12.042
23	0.116	0.133	0.149	13.013
24	0.165	0.194	-0.021	13.013
25	0.260	0.321	0.473	13.013
26	0.307	0.360	0.333	13.707
27	0.324	0.411	0.333	20.946
28	0.345	0.425	0.319	10.340
29	0.222	0.276	0.337	20.419
30	0.233	0.284	0.153	10.340

TOTAL FINISH

WORK STUDY SKILLS INSTRUMENT --PRE:
GRADE 5

SCALE STATISTICS:

NUMBER OF CASES	=	196
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	13.927
STANDARD DEVIATION	=	5.277
CRONBACH'S ALPHA	=	0.785
ERROR OF MEASUREMENT	=	2.447

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.715	0.715	0.214	1.531
2	0.622	0.625	0.454	2.041
3	0.591	0.600	0.367	3.061
4	0.695	0.707	0.651	2.551
5	0.725	0.737	0.642	3.061
6	0.332	0.335	0.322	2.551
7	0.275	0.279	0.078	3.061
8	0.585	0.589	0.365	2.041
9	0.617	0.623	0.432	2.551
10	0.425	0.439	0.116	4.592
11	0.694	0.698	0.383	2.041
12	0.415	0.428	0.385	4.592
13	0.285	0.285	0.423	1.531
14	0.575	0.581	0.370	2.551
15	0.746	0.758	0.599	3.061
16	0.482	0.514	0.373	5.612
17	0.430	0.439	0.538	3.571
18	0.332	0.342	0.308	4.592
19	0.254	0.258	0.352	3.061
20	0.389	0.397	0.415	3.571
21	0.332	0.344	0.603	5.102
22	0.311	0.328	0.381	6.633
23	0.233	0.245	0.070	6.122
24	0.207	0.217	0.259	6.122
25	0.508	0.527	0.303	5.102
26	0.451	0.478	0.250	7.143
27	0.503	0.536	0.332	7.653
28	0.435	0.462	0.455	7.143
29	0.404	0.426	0.361	6.633
30	0.363	0.383	0.385	6.633

NORMAL FINISH

WORK STUDY SKILLS INSTRUMENT --PRE:
GRADE 6

SCALE STATISTICS:

NUMBER OF CASES	=	192
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	16.365
STANDARD DEVIATION	=	6.112
CRONBACH'S ALPHA	=	0.848
ERROR OF MEASUREMENT	=	2.385

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.771	0.787	0.292	2.083
2	0.693	0.704	0.531	1.562
3	0.646	0.646	0.451	0.0
4	0.797	0.810	0.423	1.562
5	0.807	0.824	0.751	2.083
6	0.510	0.519	0.537	3.646
7	0.307	0.312	0.036	1.562
8	0.667	0.681	0.471	2.083
9	0.672	0.683	0.506	1.562
10	0.469	0.484	0.277	3.125
11	0.703	0.722	0.502	2.604
12	0.500	0.511	0.320	2.083
13	0.432	0.439	0.410	1.562
14	0.641	0.654	0.524	2.083
15	0.823	0.832	0.612	1.042
16	0.604	0.614	0.625	1.562
17	0.547	0.574	0.667	4.687
18	0.438	0.454	0.445	3.646
19	0.396	0.411	0.524	3.646
20	0.510	0.527	0.617	3.125
21	0.432	0.441	0.456	2.083
22	0.349	0.360	0.237	3.125
23	0.229	0.235	0.341	2.604
24	0.339	0.348	0.472	2.604
25	0.495	0.508	0.497	2.604
26	0.510	0.533	0.527	4.167
27	0.615	0.645	0.428	4.687
28	0.557	0.578	0.549	3.646
29	0.484	0.500	0.568	3.125
30	0.432	0.449	0.561	3.646

NORMAL FINISH

WORK STUDY SKILLS INSTRUMENT --POST
GRADE 4

SCALE STATISTICS:

NUMBER OF CASES	=	191
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	13.811
STANDARD DEVIATION	=	5.225
CRONBACH'S ALPHA	=	0.785
ERROR OF MEASUREMENT	=	2.424

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.811	0.819	0.423	1.571
2	0.632	0.635	0.592	1.047
3	0.626	0.633	0.450	1.571
4	0.747	0.751	0.496	1.047
5	0.684	0.695	0.591	2.094
6	0.395	0.410	0.425	4.188
7	0.258	0.262	0.034	2.094
8	0.526	0.546	0.370	4.188
9	0.579	0.608	0.462	5.236
10	0.479	0.514	0.290	7.330
11	0.568	0.600	0.373	5.759
12	0.342	0.363	0.355	6.283
13	0.232	0.247	0.444	6.806
14	0.526	0.565	0.343	7.330
15	0.800	0.813	0.453	2.094
16	0.553	0.571	0.406	3.665
17	0.437	0.449	0.560	3.141
18	0.342	0.355	0.223	4.188
19	0.305	0.312	0.360	2.618
20	0.347	0.357	0.410	3.141
21	0.200	0.208	0.458	4.188
22	0.211	0.221	0.299	5.236
23	0.268	0.283	0.153	5.759
24	0.237	0.250	0.438	5.759
25	0.474	0.479	0.381	1.571
26	0.463	0.473	0.381	2.618
27	0.511	0.533	0.231	4.712
28	0.479	0.500	0.238	4.712
29	0.416	0.434	0.412	4.712
30	0.368	0.387	0.350	5.236

NORMAL FINISH

WORK STUDY SKILLS INSTRUMENT --POST
GRADE 5

SCALE STATISTICS:

NUMBER OF CASES	=	196
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	16.224
STANDARD DEVIATION	=	5.745
CRONBACH'S ALPHA	=	0.627
ERROR OF MEASUREMENT	=	2.352

ITEM STATISTICS:

ITEM	P+S	ADJ. P+S	R.B.I. BIS	PERCENT AT
1	0.781	0.785	0.303	0.510
2	0.707	0.716	0.337	1.020
3	0.704	0.715	0.013	1.531
4	0.765	0.777	0.433	1.531
5	0.778	0.788	0.003	1.531
6	0.490	0.500	0.413	2.041
7	0.210	0.215	0.211	1.531
8	0.673	0.681	0.400	2.551
9	0.843	0.851	0.473	2.041
10	0.548	0.565	0.183	4.082
11	0.760	0.767	0.473	4.592
12	0.403	0.422	0.303	4.592
13	0.367	0.381	0.474	5.071
14	0.587	0.615	0.311	4.592
15	0.827	0.837	0.484	0.0
16	0.638	0.641	0.072	0.510
17	0.510	0.526	0.033	5.061
18	0.490	0.495	0.312	1.020
19	0.290	0.297	0.491	0.510
20	0.495	0.495	0.202	0.0
21	0.321	0.332	0.481	5.061
22	0.352	0.367	0.230	4.082
23	0.255	0.269	0.113	5.061
24	0.281	0.294	0.337	4.592
25	0.566	0.572	0.101	1.020
26	0.526	0.535	0.323	2.551
27	0.667	0.623	0.023	2.551
28	0.521	0.510	0.403	5.071
29	0.556	0.577	0.012	5.071
30	0.495	0.513	0.019	5.071

FINAL FINISH

WORK STUDY SKILLS INSTRUMENT --POST
GRADE 6

SCALE STATISTICS:

NUMBER OF CASES	=	152
NUMBER OF ITEMS	=	30
MEAN TOTAL SCORE	=	19.882
STANDARD DEVIATION	=	5.705
GUTTMAN'S ALPHA	=	0.843
STD ERR OF MEASUREMENT	=	2.256

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	ITEM-TOT. BIS	PERCENT MT
1	0.852	0.852	0.551	1.306
2	0.831	0.835	0.340	2.003
3	0.783	0.783	0.533	1.306
4	0.857	0.866	0.333	2.004
5	0.678	0.678	0.657	1.306
6	0.519	0.527	0.370	2.163
7	0.376	0.376	0.192	1.306
8	0.730	0.730	0.403	1.306
9	0.768	0.768	0.470	1.306
10	0.519	0.521	0.347	2.003
11	0.825	0.825	0.473	1.306
12	0.656	0.663	0.379	2.004
13	0.529	0.532	0.350	2.003
14	0.720	0.735	0.507	3.046
15	0.852	0.852	0.440	1.306
16	0.720	0.727	0.411	2.004
17	0.651	0.661	0.007	2.163
18	0.401	0.481	0.003	1.306
19	0.480	0.480	0.302	1.306
20	0.668	0.612	0.033	2.003
21	0.476	0.479	0.300	2.003
22	0.354	0.356	0.333	2.004
23	0.320	0.332	0.254	2.004
24	0.381	0.381	0.400	1.306
25	0.668	0.613	0.309	2.004
26	0.567	0.571	0.993	4.107
27	0.668	0.667	0.001	2.090
28	0.840	0.851	0.320	2.163
29	0.840	0.856	0.091	2.163
30	0.543	0.554	0.332	4.107

Self Concept Questionnaire

SELF CONCEPT QUESTIONNARIE -PRE:GRADE 4

(20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 69.36 ALPHA = 0.87 SAMPLE SIZE= 191
ST.DEV= 12.99 ERR.MEAS= 4.75

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.18	3.21	3.55	3.44	3.02	3.45	2.96	3.47	3.57	3.63
ADJ. P	3.18	3.23	3.56	3.44	3.02	3.46	2.96	3.48	3.57	3.63
SERIAL CORREL	60	45	48	51	47	55	47	42	45	56
PERCENT AT	0	1	1	1	1	2	0	2	2	0
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.11	1.17	1.20	1.21	1.22	1.19	1.30	1.27	1.35	1.27

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.62	3.51	3.55	3.69	3.72	3.73	3.61	3.39	3.52	3.56
ADJ. P	3.62	3.51	3.54	3.69	3.72	3.74	3.62	3.40	3.53	3.56
SERIAL CORREL	65	44	50	46	43	58	40	45	53	21
PERCENT AT	1	1	1	1	1	1	1	1	1	0
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	1.10	1.12	1.27	1.11	1.23	1.16	1.23	1.27	1.16	1.42

LF CONCEPT QUESTIONNAIRE -- [illegible]: GRADE 6

1. ACADEMIC SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 65.07 ALPHA = 0.92 SAMPLE SIZE= 190
ST.DEV= 15.14 ERR.MEAS= 4.41

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.20	3.15	3.50	3.45	3.09	3.50	2.99	3.53	3.49	3.58
ADJ. P	3.20	3.15	3.51	3.51	3.09	3.51	2.99	3.53	3.49	3.58
SERIAL CORREL	62	59	56	56	57	68	56	55	67	61
PERCENT MT	0	1	1	2	0	2	1	1	1	0
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.15	1.27	1.24	1.16	1.22	1.21	1.23	1.15	1.32	1.22

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.56	3.14	3.53	3.74	3.73	3.67	3.65	3.49	3.43	3.57
ADJ. P	3.56	3.14	3.53	3.73	3.73	3.68	3.65	3.49	3.43	3.57
SERIAL CORREL	67	59	53	71	59	78	40	50	67	44
PERCENT MT	1	1	0	1	0	1	0	0	0	0
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	1.09	1.18	1.31	1.20	1.20	1.19	1.27	1.22	1.14	1.38

SELF CONCEPT QUESTIONNAIRE -- PRE: GRADE 6

1. ACADEMIC SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 67.70 ALPHA = 0.91 SAMPLE SIZE= 192
ST.DEV= 14.10 ERR.MEAS= 4.18

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.20	3.17	3.50	3.46	3.12	3.44	2.82	3.46	3.27	3.44
ADJ. P	3.20	3.17	3.50	3.47	3.12	3.44	2.82	3.46	3.27	3.44
SERIAL CORREL	71	55	61	60	50	70	61	61	67	57
PERCENT MT	0	0	1	2	1	1	1	1	2	0
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.07	1.15	1.16	1.10	1.14	1.11	1.17	1.15	1.24	1.15

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.56	3.23	3.29	3.39	3.56	3.50	3.47	3.42	3.47	3.60
ADJ. P	3.56	3.23	3.29	3.40	3.57	3.51	3.47	3.42	3.47	3.61
SERIAL CORREL	55	57	57	63	55	74	45	48	67	36
PERCENT MT	0	1	1	2	1	1	0	1	1	1
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	0.92	1.08	1.25	1.18	1.16	1.17	1.16	1.20	1.12	1.29

SELF CONCEPT QUESTIONNAIRE -- POST: GRADE 4

1. ACADEMIC SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 69.96 ALPHA = 0.89 SAMPLE SIZE= 191
ST.DEV= 14.05 ERR.MEAS= 4.56

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.35	3.36	3.62	3.53	3.16	3.52	3.05	3.53	3.66	3.53
ADJ. P	3.35	3.36	3.62	3.53	3.16	3.53	3.05	3.53	3.67	3.54
SERIAL CORREL	66	56	47	60	43	61	53	54	61	51
PERCENT NT	0	0	0	0	1	2	1	0	1	1
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.14	1.16	1.16	1.11	1.23	1.25	1.25	1.25	1.31	1.20

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.66	3.38	3.30	3.90	3.60	3.76	3.57	3.46	3.54	3.48
ADJ. P	3.66	3.39	3.30	3.90	3.61	3.76	3.57	3.46	3.54	3.48
SERIAL CORREL	62	58	53	67	48	71	52	45	60	27
PERCENT NT	1	1	0	1	1	1	1	0	1	0
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	1.03	1.13	1.29	1.23	1.26	1.29	1.21	1.16	1.22	1.40

-- TEST: GRADE 5

1. ACADEMIC SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 67.19 ALPHA = 0.91 SAMPLE SIZE = 193
ST.DEV= 14.42 ERR.MEAS= 4.36

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.26	3.07	3.41	3.39	2.91	3.38	2.87	3.40	3.44	3.34
ADJ. P	3.26	3.07	3.41	3.40	2.91	3.38	2.87	3.40	3.44	3.34
SERIAL CORREL	69	43	60	57	56	66	56	53	57	54
PERCENT AT	0	1	1	1	0	0	1	0	0	1
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.04	1.18	1.23	1.06	1.15	1.22	1.18	1.19	1.30	1.22

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.38	3.19	3.23	3.06	3.07	3.53	3.57	3.50	3.46	3.45
ADJ. P	3.38	3.19	3.23	3.05	3.07	3.54	3.57	3.50	3.46	3.45
SERIAL CORREL	68	61	60	65	48	71	46	57	70	33
PERCENT AT	1	0	1	1	0	1	0	0	0	1
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	1.01	1.06	1.23	1.19	1.25	1.26	1.24	1.18	1.21	1.40

SELF CONCEPT QUESTIONNAIRE -- POST: GRADE 6

13

1. ACADEMIC SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 65.52 ALPHA = 0.91 SAMPLE SIZE= 192
ST.DEV= 13.83 ERR.MEAS= 4.06

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.19	3.09	3.37	3.34	2.78	3.23	2.78	3.37	3.42	3.35
ADJ. P	3.19	3.09	3.37	3.34	2.78	3.23	2.77	3.37	3.42	3.35
SERIAL CORREL	73	63	54	64	53	73	55	55	64	52
PERCENT NT	0	0	1	0	1	2	1	0	0	0
ITEM NO.	1	2	3	4	5	6	7	8	9	10
ITEM ST.DEV	1.03	1.06	1.13	1.05	1.10	1.11	1.15	1.10	1.24	1.16

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.45	3.14	2.99	3.43	3.67	3.38	3.27	3.23	3.29	3.74
ADJ. P	3.45	3.14	2.99	3.43	3.67	3.38	3.27	3.23	3.29	3.74
SERIAL CORREL	69	66	43	75	52	78	44	49	65	44
PERCENT NT	1	0	0	0	1	0	1	0	1	1
ITEM NO.	11	12	13	14	15	16	17	18	19	20
ITEM ST.DEV	0.93	1.03	1.22	1.21	1.11	1.12	1.14	1.19	1.05	1.28

Student Attitude Questionnaire:

Attitude Toward Teacher

STUDENT ATTITUDE QUESTIONNAIRE-- PRE: GRADE 4

ATTITUDE TOWARD TEACHER (11 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.70 ALPHA = 0.74 SAMPLE SIZE= 191
ST.DEV= 5.50 ERR.MEAS= 2.82

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.66	3.26	3.30	3.05	3.47	3.36	2.00	3.29	2.48	3.19
ADJ. P	2.66	3.26	3.31	3.05	3.47	3.37	2.00	3.29	2.48	3.19
SERIAL CORREL	24	44	49	49	36	53	38	54	05	59
PERCENT NT	1	1	1	0	0	2	0	1	1	0
ITEM NO.	1	7	14	21	28	34	41	46	52	58
ITEM ST.DEV	0.85	0.76	1.03	1.01	0.80	0.93	1.13	0.87	1.04	0.93

ITEM INDEX	11
P	2.98
ADJ. P	2.98
SERIAL CORREL	55
PERCENT NT	0
ITEM NO.	63
ITEM ST.DEV	1.06

STUDENT ATTITUDE QUESTIONNAIRE - FILE [illegible]

ATTITUDES TOWARD TEACHING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.16 ALPHA = 0.76 SAMPLE SIZE= 150
ST.DEV= 5.24 ERR.MEAS= 2.59

ITEM STATISTICS:

ITEM (TEST)	1	2	3	4	5	6	7	8	9	10
R	2.84	3.27	3.30	3.12	3.41	3.39	2.63	3.29	2.53	3.22
ADJ. R	2.84	3.27	3.30	3.13	3.41	3.40	2.63	3.29	2.53	3.22
SERIAL CORREL	23	49	64	57	53	64	29	63	23	59
PERCENT AT	1	1	0	1	0	1	0	1	1	0
ITEM NO.	1	7	14	21	28	34	41	48	52	58
ITEM ST.DEV	0.83	0.73	0.91	0.79	0.80	0.82	0.99	0.93	0.95	0.72

ITEM (TEST) 11

R	2.96
ADJ. R	2.96
SERIAL CORREL	63
PERCENT AT	1
ITEM NO.	63
ITEM ST.DEV	0.93

STUDENT ATTITUDE QUESTIONNAIRE -- PRF: GRADE 6

ATTITUDE TOWARD TEACHER (11 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.76 ALPHA = 0.79 SAMPLE SIZE= 192
ST.DEV= 4.93 ERR.MEAS= 2.29

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.44	3.25	3.47	3.22	3.47	3.53	2.67	3.26	2.30	3.18
ADJ. P	2.44	3.25	3.47	3.22	3.47	3.53	2.67	3.26	2.30	3.18
SERIAL CORREL	29	42	48	49	42	53	37	51	25	60
PERCENT NT	0	1	1	0	0	1	1	1	1	1
ITEM NO.	1	7	14	21	28	34	41	46	52	58
ITEM ST.DEV	0.85	0.69	0.70	0.73	0.69	0.77	0.93	0.78	0.97	0.74

ITEM INDEX	11
P	2.98
ADJ. P	2.98
SERIAL CORREL	45
PERCENT NT	0
ITEM NO.	63
ITEM ST.DEV	0.86

STUDENT ATTITUDE QUESTIONNAIRE-- POST: GRADE 4

ATTITUDE TOWARD TEACHER (11 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.35 ALPHA = 0.85 SAMPLE SIZE= 191
ST.DEV= 6.63 ERR.MEAS= 2.54

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.47	3.12	3.34	3.06	3.43	3.34	2.58	3.19	2.36	3.20
ADJ. P	2.47	3.13	3.34	3.06	3.43	3.34	2.57	3.19	2.36	3.20
SERIAL CORREL	13	62	75	62	65	73	62	76	41	71
PERCENT NT	0	1	0	0	0	1	1	0	1	0
ITEM NO.	1	7	14	21	28	34	41	46	52	58
ITEM ST.DEV	0.93	0.83	0.97	0.96	0.78	0.95	1.16	0.93	1.04	0.82

ITEM INDEX	11
P	2.98
ADJ. P	2.98
SERIAL CORREL	62
PERCENT NT	1
ITEM NO.	63
ITEM ST.DEV	0.98

STUDENT ATTITUDE QUESTIONNAIRE -- POST: GRADE 5

ATTITUDE TOWARD TEACHER (11 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 32.62 ALPHA = 0.82 SAMPLE SIZE = 196
ST.DEV= 5.30 ERR.MEAS= 2.47

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.37	3.03	3.35	3.10	3.35	3.44	2.49	3.08	2.42	3.09
ADJ. P	2.36	3.03	3.35	3.10	3.35	3.44	2.49	3.09	2.42	3.09
SERIAL CORREL	22	53	70	66	58	63	41	66	26	62
PERCENT NT	1	0	0	0	0	0	0	1	0	0
ITEM NO.	1	7	14	21	28	34	41	46	52	58
ITEM ST.DEV	0.86	0.83	0.86	0.89	0.83	0.84	1.01	0.87	0.98	0.80

ITEM INDEX	11
P	2.90
ADJ. P	2.90
SERIAL CORREL	66
PERCENT NT	0
ITEM NO.	63
ITEM ST.DEV	0.94

STUDENT ATTITUDE QUESTIONNAIRE-4 [illegible]: GRADE 6

ATTITUDE TOWARD TEACHER [illegible] ATTITUDE [illegible]

SCALE STATISTICS:

MEAN = 31.39 ALPHA = .000 SAMPLE SIZE= 192
ST.DEV= 6.11 [illegible] = .000

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
R	2.30	2.93	3.21	2.99	3.20	3.23	2.44	2.97	2.19	3.01
ADJ. R	2.30	2.93	3.21	2.99	3.20	3.23	2.44	2.97	2.19	3.01
SERIAL CORREL	21	55	73	66	52	72	61	76	53	75
PERCENT AT	0	0	0	0	0	0	1	0	0	0
ITEM NO.	1	7	14	21	28	34	41	48	52	59
ITEM ST.DEV	0.61	0.70	0.81	0.70	0.80	0.90	1.06	0.84	0.90	0.79

ITEM INDEX	11
R	2.63
ADJ. R	2.63
SERIAL CORREL	64
PERCENT AT	1
ITEM NO.	63
ITEM ST.DEV	0.85

Student Attitude Questionnaire:

Attitude Toward Schooling

STUDENT ATTITUDE QUESTIONNAIRE - PRE: GRADE 4

ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.95 ALPHA = 0.90 SAMPLE SIZE= 191
ST.DEV= 9.25 ERR.MEAS= 2.88

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.90	2.72	2.29	2.98	2.92	2.92	2.40	3.17	2.81	2.91
ADJ. P	2.91	2.72	2.29	2.98	2.92	2.92	2.40	3.18	2.81	2.92
SERIAL CORREL	57	56	55	63	81	77	44	69	73	78
PERCENT NT	2	1	1	2	1	1	1	1	1	1
ITEM NO.	3	10	17	24	31	37	43	48	55	60
ITEM ST.DEV	1.05	1.14	1.12	1.18	1.14	1.10	1.13	0.94	1.25	1.07

ITEM INDEX	11	12
P	2.86	3.03
ADJ. P	2.87	3.03
SERIAL CORREL	70	66
PERCENT NT	1	1
ITEM NO.	65	68
ITEM ST.DEV	1.04	1.11

STUDENT ATTITUDE QUESTIONNAIRE -- [illegible] GRADE 5

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ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 34.10 ALPHA = 0.[illegible] SAMPLE SIZE= 196
ST.DEV= 0.[illegible] STAND.ITEMS= 2.[illegible]

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.[illegible]	2.[illegible]	2.41	2.[illegible]	2.[illegible]	2.81	2.49	3.04	3.02	2.85
ADJ. P	2.90	2.[illegible]	2.41	2.[illegible]	2.[illegible]	2.81	2.49	3.04	3.02	2.86
SERIAL CORREL	72	57	56	7[illegible]	6[illegible]	77	41	61	77	64
PERCENT AT	1	1	0	2	1	0	0	0	1	2
ITEM NO.	3	10	17	29	31	37	43	48	55	60
ITEM ST.DEV	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.52	0.95	0.82	1.01	0.92

ITEM INDEX	11	12
P	2.[illegible]	3.[illegible]
ADJ. P	2.[illegible]	3.[illegible]
SERIAL CORREL	[illegible]	00
PERCENT AT	2	1
ITEM NO.	[illegible]	[illegible]
ITEM ST.DEV	0.96	0.91

STUDENT ATTITUDE QUESTIONNAIRE -- PRE: GRADE 6

ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.05 ALPHA = 0.92 SAMPLE SIZE= 192
ST.DEV= 8.36 ERR.MEAS= 2.41

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.68	2.87	2.43	2.88	2.90	2.68	2.42	3.03	2.87	2.68
ADJ. P	2.68	2.87	2.43	2.88	2.90	2.68	2.42	3.04	2.87	2.69
SERIAL CORREL	57	56	51	75	77	65	45	59	77	70
PERCENT NT	0	1	0	0	0	0	1	1	0	1
ITEM NO.	3	10	17	24	31	37	45	48	55	60
ITEM ST.DEV	0.90	0.92	0.98	0.98	1.06	0.94	1.08	0.84	1.09	0.85

ITEM INDEX	11	12
P	2.60	2.99
ADJ. P	2.60	2.99
SERIAL CORREL	70	67
PERCENT NT	0	0
ITEM NO.	65	68
ITEM ST.DEV	0.94	0.94

STUDENT ATTITUDE QUESTIONNAIRE -- POST: GRADE 4

ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.90 ALPHA = 0.93 SAMPLE SIZE= 191
ST.DEV= 9.64 ERR.MEAS= 2.58

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.79	2.72	2.43	2.95	2.91	2.87	2.50	3.09	2.94	2.83
ADJ. P	2.79	2.72	2.43	2.95	2.92	2.87	2.50	3.10	2.94	2.84
SERIAL CORREL	73	76	54	85	92	83	58	76	76	82
PERCENT NT	1	1	0	2	1	2	0	1	0	2
ITEM NO.	3	10	17	24	31	37	43	48	55	60
ITEM ST.DEV	1.08	1.11	1.12	1.12	1.18	0.99	1.13	0.90	1.18	1.00

ITEM INDEX	11	12
P	2.79	3.08
ADJ. P	2.79	3.09
SERIAL CORREL	82	66
PERCENT NT	1	1
ITEM NO.	65	68
ITEM ST.DEV	1.02	1.03

STUDENT ATTITUDE QUESTIONNAIRE -- POST: GRADE 5

ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 33.68 ALPHA = 0.92 SAMPLE SIZE= 196
ST.DEV= 8.04 ERR.MEAS= 2.40

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.72	2.87	2.38	2.88	2.88	2.83	2.82	3.02	2.89	2.81
ADJ. P	2.72	2.87	2.38	2.88	2.88	2.83	2.82	3.02	2.90	2.81
SERIAL CORREL	72	64	63	71	81	80	57	69	83	83
PERCENT NT	0	1	0	1	0	0	0	0	1	1
ITEM NO.	3	10	17	24	31	37	45	48	55	60
ITEM ST.DEV	0.95	0.92	0.99	1.06	1.06	0.93	1.04	0.89	1.10	0.90

ITEM INDEX	11	12
P	2.77	3.04
ADJ. P	2.77	3.04
SERIAL CORREL	80	74
PERCENT NT	0	1
ITEM NO.	65	68
ITEM ST.DEV	0.91	0.91

STUDENT ATTITUDE QUESTIONNAIRE -- [illegible]

ATTITUDE TOWARD SCHOOLING (12 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 31.19	ALPHA = 0.92	SAMPLE SIZE= 192
ST.DEV= 8.01	ERR.MEAS= 2.31	

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
R	2.56	2.62	2.24	2.65	2.79	2.44	2.50	2.75	2.32	2.57
ADJ. R	2.56	2.62	2.24	2.65	2.79	2.44	2.30	2.76	2.83	2.57
SERIAL CORREL	71	59	55	70	62	75	63	70	61	70
PERCENT AT	0	1	1	1	0	1	0	0	1	1
ITEM NO.	5	10	17	29	31	37	43	46	55	60
ITEM ST.DEV	0.60	0.91	0.97	0.95	1.02	0.97	1.06	0.80	1.15	0.85

ITEM INDEX	11	12
R	2.42	2.97
ADJ. R	2.42	2.91
SERIAL CORREL	65	74
PERCENT AT	1	0
ITEM NO.	65	66
ITEM ST.DEV	0.92	0.83

Student Attitude Questionnaire:

Attitude Toward Learning

STUDENT ATTITUDE QUESTIONNAIRE-- PRE: GRADE 4

ATTITUDE TOWARD LEARNING (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.77 ALPHA = 0.65 SAMPLE SIZE= 191
ST.DEV= 4.42 ERR.MEAS= 2.62

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.66	3.21	3.46	3.44	2.58	2.76	3.07	3.29	2.70
ADJ. P	2.66	3.23	3.46	3.44	2.58	2.76	3.08	3.29	2.70
SERIAL CORREL	34	46	37	55	35	22	40	22	43
PERCENT NT	0	1	1	0	1	1	1	1	0
ITEM NO.	2	9	16	23	30	36	42	47	54
ITEM ST.DEV	1.11	0.99	0.75	0.80	1.13	1.02	0.89	0.95	1.08

STUDENT ATTITUDE QUESTIONNAIRE -- PRE: GRADE 9

ATTITUDE TOWARD LEARNING (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.71 ALPHA = 0.73 SAMPLE SIZE= 196
ST.DEV= 4.40 ERR.MEAS= 2.27

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.58	3.17	3.23	3.56	2.78	2.80	3.61	3.48	2.74
ADJ. P	2.58	3.18	3.23	3.56	2.78	2.80	3.61	3.48	2.74
SERIAL CORREL	43	40	47	33	51	38	42	40	57
PERCENT MI	1	1	1	0	0	0	0	1	0
ITEM NO.	2	5	10	23	30	36	42	47	54
ITEM ST.DEV	1.05	0.87	0.78	0.73	0.93	0.96	0.89	0.75	0.97

STUDENT ATTITUDE QUESTIONNAIRE -- PRE: GRADE 6

ATTITUDE TOWARD LEARNING (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.73 ALPHA = 0.72 SAMPLE SIZE= 192
ST.DEV= 4.13 ERR.MEAS= 2.19

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.54	3.33	3.27	3.32	2.64	2.84	3.67	3.49	2.64
ADJ. P	2.54	3.33	3.27	3.32	2.63	2.84	3.67	3.50	2.64
SERIAL CORREL	50	29	45	46	48	26	15	31	56
PERCENT NT	0	0	0	0	1	1	0	1	0
ITEM NO.	2	9	16	23	30	36	42	47	54
ITEM ST.DEV	0.92	0.74	0.71	0.74	0.88	0.99	0.70	0.75	0.96

STUDENT ATTITUDE QUESTIONNAIRE— POST: GRADE 4

ATTITUDE TOWARD LEARNING (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN =	27.80	ALPHA =	0.69	SAMPLE SIZE=	191
ST.DEV=	4.42	ERR.MEAS=	2.46		

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.42	3.36	3.41	3.42	2.72	2.68	3.58	3.39	2.82
ADJ. P	2.42	3.37	3.42	3.43	2.72	2.68	3.58	3.39	2.82
SERIAL CORREL	45	40	57	55	42	26	38	33	51
PERCENT NT	0	1	1	1	1	0	1	0	0
ITEM NO.	2	9	16	23	30	36	42	47	54
ITEM ST.DEV	1.13	0.89	0.74	0.73	0.92	0.93	0.72	0.91	1.12

STUDENT ATTITUDE QUESTIONNAIRE -- POST: GRADE 5

ATTITUDE TOWARD LEARNING (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.72 ALPHA = 0.74 SAMPLE SIZE= 196
ST.DEV= 4.46 ERR.MEAS= 2.27

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.45	3.36	3.18	3.33	2.68	2.79	3.09	3.42	2.83
ADJ. P	2.45	3.36	3.18	3.33	2.68	2.79	3.09	3.43	2.83
SERIAL CORREL	52	51	51	56	41	37	42	44	54
PERCENT NT	1	1	0	1	0	0	0	1	1
ITEM NO.	2	9	16	23	30	36	42	47	54
ITEM ST.DEV	1.07	0.84	0.77	0.73	0.87	1.02	0.80	0.87	0.96

STUDENT [illegible] QUESTIONNAIRE -- P. SI: GRADE 9

ATTITUDE TOWARD LEARNING (ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.78 MINIMUM = 0.00 SAMPLE SIZE = 102
ST.DEV= 7.90 CRON.ALPHA= 0.86

ITEM STATISTICS:

ITEM YIELD	1	2	3	4	5	6	7	8	9
P	2.22	0.23	0.09	0.13	2.33	2.71	3.57	3.60	2.68
ADJ. P	2.22	0.23	0.09	0.13	2.33	2.71	3.58	3.60	2.68
SERIAL CORREL	40	44	44	44	44	23	25	23	58
PERCENT AT	0	0	0	0	0	36	42	47	34
ITEM NO.	1	2	3	4	5	6	7	8	9
ITEM ST.DEV	0.90	0.79	0.74	0.72	0.88	0.97	0.72	0.84	0.90

Student Attitude Questionnaire:

Attitude Toward Social Studies

STUDENT ATTITUDE QUESTIONNAIRE-- PRE: GRADE 4

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN =	28.72	ALPHA =	0.77	SAMPLE SIZE=	191
ST.DEV=	5.45	ERR.MEAS=	2.59		

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.72	2.73	2.88	3.28	2.53	3.15	2.38	2.64	2.97	3.45
ADJ. P	2.72	2.73	2.88	3.28	2.53	3.17	2.38	2.65	2.97	3.45
SERIAL CORREL	55	59	45	43	39	55	63	46	55	22
PERCENT NT	2	1	1	1	3	2	2	1	0	0
ITEM NO.	6	13	20	27	33	40	45	51	57	62
ITEM ST.DEV	1.03	1.04	0.88	0.74	1.05	0.82	1.03	1.05	0.94	0.79

STUDENT ATTITUDE QUESTIONNAIRE -- [illegible]

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.37 ALPHA = 0.77 SAMPLE SIZE= 100
ST.DEV= 4.87 STD.MEAS= 0.23

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.73	2.57	2.93	3.12	2.65	3.07	2.38	2.55	2.99	3.38
ADJ. P	2.73	2.57	2.93	3.12	2.65	3.07	2.37	2.55	2.99	3.39
SERIAL CORREL	56	60	49	39	44	61	65	50	57	28
PERCENT AT	1	1	2	0	1	1	1	0	0	1
ITEM NO.	6	13	20	27	33	40	45	51	57	62
ITEM ST.DEV	0.91	0.89	0.80	0.73	0.95	0.80	0.90	0.87	0.76	0.73

STUDENT ATTITUDE QUESTIONNAIRE - PRE: GRADE 6

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.02 ALPHA = 0.86 SAMPLE SIZE= 192
ST.DEV= 5.79 ERR.MEAS= 2.20

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.53	2.28	2.89	3.16	2.45	2.96	2.11	2.53	2.87	3.44
ADJ. P	2.53	2.27	2.89	3.16	2.45	2.96	2.11	2.53	2.88	3.44
SERIAL CORREL	72	51	54	50	48	69	73	66	56	43
PERCENT MT	1	1	0	0	0	0	0	0	1	1
ITEM NO.	6	13	20	27	33	40	46	51	57	62
ITEM ST.DEV	0.93	0.90	0.76	0.77	1.03	0.80	0.93	1.03	0.82	0.74

STUDENT ATTITUDE QUESTIONNAIRE-- POST: GRADE 4

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 29.41 ALPHA = 0.83 SAMPLE SIZE= 191
ST.DEV= 5.85 ERR.MEAS= 2.40

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.84	2.70	2.99	3.31	2.73	3.14	2.54	2.60	3.10	3.45
ADJ. P	2.84	2.70	2.99	3.31	2.74	3.14	2.55	2.59	3.11	3.45
SERIAL CORREL	63	53	63	50	58	65	73	48	59	52
PERCENT NT	1	0	1	0	1	0	1	1	1	0
ITEM NO.	6	13	20	27	33	40	45	51	57	62
ITEM ST.DEV	1.06	0.99	0.81	0.72	1.07	0.85	1.08	1.01	0.87	0.72

STUDENT ATTITUDE QUESTIONNAIRE-- POST: GRADE 5

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 27.97 ALPHA = 0.85 SAMPLE SIZE= 196
ST.DEV= 5.95 ERR.MEAS= 2.30

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.61	2.46	2.95	3.19	2.63	3.06	2.53	2.49	2.90	3.35
ADJ. P	2.61	2.46	2.95	3.19	2.63	3.06	2.53	2.49	2.90	3.35
SERIAL CORREL	72	57	54	52	57	64	78	61	59	45
PERCENT NT	1	0	0	0	0	0	1	0	1	1
ITEM NO.	6	13	20	27	33	40	45	51	57	62
ITEM ST.DEV	1.04	1.01	0.78	0.72	1.07	0.81	1.04	1.01	0.88	0.67

STUDENT ATTITUDE QUESTIONNAIRE -- FORM [illegible]

ATTITUDE TOWARD SOCIAL STUDIES (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 26.27 ALPHA = 0.86 SAMPLE SIZE= 192
ST.DEV= 5.79 ERR.MEAS= 2.17

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
R	2.37	2.13	2.02	3.14	2.92	2.86	2.15	2.30	2.73	3.23
ADJ. R	2.37	2.13	2.03	3.14	2.92	2.86	2.15	2.30	2.73	3.23
SERIAL CORREL	63	49	65	56	71	72	75	67	60	51
PERCENT NT	0	1	1	0	0	1	1	1	0	0
ITEM NO.	8	15	20	27	53	40	45	51	57	62
ITEM ST.DEV	0.95	0.90	0.71	0.75	1.03	0.78	0.80	0.98	0.87	0.72

Student Attitude Questionnaire:

Independence

STUDENT ATTITUDE QUESTIONNAIRE -- PRE: GRADE 4

INDEPENDENCE (7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 21.84 ALPHA = 0.50 SAMPLE SIZE= 191
ST.DEV= 3.05 ERR.MEAS= 2.20

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7
P	3.46	3.03	3.48	2.72	3.15	2.99	3.02
ADJ. P	3.46	3.04	3.49	2.72	3.16	2.99	3.02
SERIAL CORREL	35	40	29	21	08	41	10
PERCENT NT	1	1	1	1	1	1	1
ITEM NO.	4	11	18	25	32	38	49
ITEM ST.DEV	0.78	0.94	0.65	1.01	0.86	0.99	0.92

STUDENT ATTITUDE QUESTIONNAIRE [illegible]

INDEPENDENCE (7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 21.52 ALPHA = [illegible] SAMPLE SIZE= 198
ST.DEV= 2.94 ERR.MEAS= [illegible]

ITEM STATISTICS:

ITEM AREA	1	2	3	4	5	6	7
[illegible]	3.41	2.83	3.34	3.02	3.13	3.17	2.97
ADJ. ME	3.42	2.84	3.34	3.02	3.20	3.17	2.97
SERIAL CORREL	26	39	40	37	23	53	16
[illegible]	1	2	1	1	1	1	1
ITEM NO.	4	11	10	25	32	38	49
ITEM ST.DEV	0.73	0.87	0.89	0.81	0.72	0.82	0.82

STUDENT ATTITUDE QUESTIONNAIRE - PRE: GRADE 6

INDEPENDENCE (7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 22.72 ALPHA = 0.65 SAMPLE SIZE= 192
ST.DEV= 2.94 ERR.MEAS= 1.74

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7
P	3.47	3.07	3.37	3.33	3.23	3.34	2.90
ADJ. P	3.47	3.07	3.37	3.33	3.24	3.35	2.91
SERIAL CORREL	43	46	29	46	28	50	17
PERCENT NT	0	1	0	0	1	1	1
ITEM NO.	4	11	18	25	32	36	49
ITEM ST.DEV	0.73	0.83	0.64	0.71	0.70	0.74	0.82

STUDENT ATTITUDE QUESTIONNAIRE POST: GRADE 4

INDEPENDENCE (7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 22.49 ALPHA = 0.51 SAMPLE SIZE= 191
ST.DEV= 2.83 ERR.MEAS= 1.98

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7
P	3.54	2.94	3.40	2.98	3.28	3.23	3.10
ADJ. P	3.54	2.94	3.41	2.99	3.28	3.24	3.11
SERIAL CORREL	28	25	37	27	21	37	29
PERCENT NT	0	0	1	1	1	1	1
ITEM NO.	4	11	18	25	32	38	49
ITEM ST.DEV	0.72	0.92	0.62	0.90	0.73	0.85	0.83

STUDENT ATTITUDE QUESTIONNAIRE -- POST: GRADE 5

INDEPENDENCE (7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 22.25 ALPHA = 0.52 SAMPLE SIZE= 196
ST.DEV= 2.77 ERR.MEAS= 1.92

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7
P	3.54	3.03	3.30	3.05	3.15	3.27	2.92
ADJ. P	3.54	3.03	3.30	3.05	3.15	3.27	2.92
SERIAL CORREL	30	26	43	41	26	36	06
PERCENT NT	0	0	0	0	0	1	0
ITEM NO.	4	11	18	25	32	38	49
ITEM ST.DEV	0.69	0.83	0.73	0.90	0.70	0.79	0.79

STUDENT ATTITUDE QUESTIONNAIRE

(7 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 21.00 ALPHA = 0.00 SAMPLE SIZE = 152
ST.DEV= 2.00 AVR.INCR= 1.00

ITEM STATISTICS:

ITEM TOTAL	1	2	3	4	5	6	7
R	3.35	0.03	0.20	0.31	0.17	0.33	2.00
ADJ. R	3.34	0.03	0.20	0.30	0.17	0.34	2.01
SERIAL CORREL	33	34	40	40	21	21	15
REACTANT	1	1	0	0	1	1	1
ITEM NO.	4	11	10	13	32	36	44
ITEM ST.DEV	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Student Attitude Questionnaire:

Self Concept

STUDENT ATTITUDE QUESTIONNAIRE PRE: GRADE 4

SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 59.07 ALPHA = 0.79 SAMPLE SIZE= 191
ST.DEV= 7.99 ERR.MEAS= 3.66

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.01	3.25	2.80	3.01	2.68	2.95	2.62	3.01	3.07	2.72
ADJ. P	3.01	3.25	2.80	3.01	2.68	2.95	2.62	3.01	3.07	2.72
SERIAL CORREL	48	49	27	21	38	49	23	44	58	33
PERCENT MT	1	0	1	0	1	1	0	0	1	1
ITEM NO.	5	8	12	15	19	22	26	29	35	39
ITEM ST.DEV	0.96	0.97	0.91	0.86	1.00	0.92	0.86	0.77	0.86	0.95

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.28	3.14	2.93	2.53	3.00	3.05	2.93	3.13	3.03	2.94
ADJ. P	3.28	3.14	2.93	2.53	3.00	3.06	2.93	3.14	3.04	2.94
SERIAL CORREL	44	24	64	16	57	54	57	18	46	55
PERCENT MT	1	1	0	1	0	1	0	2	1	0
ITEM NO.	44	50	53	56	59	61	64	66	67	69
ITEM ST.DEV	0.74	0.83	0.92	0.91	0.93	0.88	0.93	0.89	0.92	0.95

STUDENT ATTITUDES QUESTIONNAIRE [illegible]

[illegible] (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 30.24 ALPHA = [illegible] SAMPLE SIZE = 194
ST.DEV = 7.70 STANDARDIZED = 0.[illegible]

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
R	3.02	3.32	2.80	2.99	2.74	2.91	2.54	3.01	3.08	2.56
ADJ. R	3.02	3.32	2.80	2.99	2.74	2.91	2.54	3.01	3.08	2.55
SERIAL CORREL	33	30	30	30	44	58	30	52	47	48
PERCENT NI	0	0	1	0	1	0	0	1	1	2
ITEM NO.	2	0	12	13	19	22	25	29	35	39
ITEM ST.DEV	0.80	0.74	0.70	0.79	0.88	0.85	0.80	0.74	0.80	0.92

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
R	3.09	3.01	2.90	2.82	2.93	2.91	3.00	3.08	3.03	2.91
ADJ. R	3.09	3.01	2.91	2.82	2.93	2.92	3.00	3.05	3.04	2.92
SERIAL CORREL	35	24	63	23	66	44	30	34	43	47
PERCENT NI	1	0	-	1	1	1	0	2	1	1
ITEM NO.	44	50	53	56	59	61	64	66	67	69
ITEM ST.DEV	0.81	0.75	0.82	0.89	0.78	0.81	0.82	0.75	0.75	0.88

STUDENT ATTITUDE QUESTIONNAIRE -- PRE: GRADE 6

SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 58.73 ALPHA = 0.87 SAMPLE SIZE= 192
ST.DEV= 8.43 ERR.MEAS= 3.07

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.17	3.42	2.64	2.99	2.68	3.02	2.89	3.08	3.21	2.41
ADJ. P	3.17	3.42	2.64	3.00	2.67	3.02	2.89	3.08	3.21	2.41
SERIAL CORREL	62	50	47	30	54	45	41	58	51	51
PERCENT NT	1	0	0	1	1	0	1	1	0	0
ITEM NO.	5	8	12	15	19	22	26	29	35	39
ITEM ST.DEV	0.80	0.72	0.74	0.79	0.96	0.86	0.79	0.73	0.75	0.83

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.12	3.07	3.06	2.24	3.02	2.89	3.10	2.98	3.15	3.08
ADJ. P	3.12	3.07	3.06	2.24	3.02	2.88	3.10	2.98	3.16	3.08
SERIAL CORREL	34	22	59	27	66	37	43	44	58	50
PERCENT NT	0	0	1	0	1	1	0	0	1	0
ITEM NO.	44	50	53	56	59	61	64	66	67	69
ITEM ST.DEV	0.72	0.69	0.86	0.88	0.80	0.70	0.85	0.71	0.76	0.81

STUDENT ATTITUDE QUESTIONNAIRE-- POST: GRADE 4

SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 58.87 ALPHA = 0.87 SAMPLE SIZE= 191
ST.DEV= 9.27 ERR.MEAS= 3.37

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.08	3.26	2.79	3.02	2.78	2.92	2.47	2.99	3.17	2.60
ADJ. P	3.08	3.27	2.79	3.02	2.78	2.92	2.47	2.99	3.18	2.60
SERIAL CORREL	65	58	47	47	55	53	58	65	62	43
PERCENT NT	0	2	0	0	1	1	1	0	1	0
ITEM NO.	5	8	12	15	19	22	26	29	35	39
ITEM ST.DEV	0.91	0.86	0.81	0.83	1.01	0.84	0.85	0.78	0.80	0.92

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.12	3.14	2.95	2.49	3.07	2.93	3.03	3.12	3.05	2.90
ADJ. P	3.12	3.15	2.96	2.49	3.07	2.94	3.03	3.12	3.06	2.90
SERIAL CORREL	40	16	51	42	57	50	46	50	61	52
PERCENT NT	1	1	1	0	0	1	0	2	2	1
ITEM NO.	44	50	53	56	59	61	64	66	67	69
ITEM ST.DEV	0.80	0.82	0.91	0.91	0.85	0.77	0.92	0.85	0.94	0.96

STUDENT ATTITUDE QUESTIONNAIRE - POST: GRADE 5

SELF CONCEPT (20 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 58.32 ALPHA = 0.86 SAMPLE SIZE= 196
ST.DEV= 8.25 ERR.MEAS= 3.12

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.20	3.29	2.80	2.94	2.66	2.98	2.58	3.02	3.11	2.43
ADJ. P	3.20	3.29	2.79	2.94	2.66	2.98	2.58	3.02	3.11	2.43
SERIAL CORREL	53	54	53	35	59	56	54	58	47	53
PERCENT NT	0	0	1	0	1	0	1	0	0	1
ITEM NO.	5	8	12	15	19	22	26	29	35	39
ITEM ST.DEV	0.78	0.77	0.80	0.71	0.98	0.81	0.87	0.71	0.72	0.84

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
P	3.10	3.07	3.02	2.44	3.01	2.95	3.09	3.10	3.04	2.99
ADJ. P	3.10	3.07	3.02	2.45	3.02	2.95	3.09	3.10	3.04	2.99
SERIAL CORREL	48	37	66	47	59	50	44	53	37	57
PERCENT NT	0	1	0	1	1	1	0	1	1	0
ITEM NO.	44	50	53	56	59	61	64	66	67	69
ITEM ST.DEV	0.73	0.75	0.81	0.93	0.82	0.70	0.76	0.77	0.77	0.84

STUDENT ATTITUDE QUESTIONNAIRE - [illegible]

SELF CONCEPT ACT ATTITUDE (ITEMS)

SCALE STATISTICS:

MEAN = 38.23 ALPHA = 0.82 SAMPLE SIZE= 192
ST.DEV= 7.66 STD.MEAN= 0.70

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
R	0.34	0.41	0.04	0.11	0.13	0.31	0.42	0.03	0.20	0.31
ADJ. R	0.32	0.41	0.04	0.11	0.13	0.32	0.42	0.03	0.20	0.31
SERIAL CORREL	50	33	33	30	40	37	38	31	36	47
PERCENT NT	1	1	1	0	0	1	0	0	0	1
ITEM NO.	5	5	12	13	15	22	26	29	29	29
ITEM ST.DEV	0.74	0.67	0.02	0.72	0.70	0.67	0.67	0.69	0.71	0.76

ITEM INDEX	11	12	13	14	15	16	17	18	19	20
R	0.01	0.02	0.03	0.01	0.01	0.81	0.22	0.06	0.01	0.09
ADJ. R	0.01	0.02	0.00	0.01	0.01	0.82	0.23	0.01	0.06	0.09
SERIAL CORREL	41	31	30	39	30	40	50	35	30	51
PERCENT NT	0	1	0	0	1	1	1	2	1	0
ITEM NO.	44	30	33	38	39	61	64	66	67	69
ITEM ST.DEV	0.75	0.00	0.13	0.02	0.14	0.73	0.73	0.68	0.77	0.78

Level of Independence

LEVEL OF INCLUSIVENESS = 4

1. [illegible] (4 ITEMS)

SCALE STATISTICS:

MEAN = 7.42 ALPHA = 0.89 SAMPLE SIZE= 131
ST.DEV= 1.96 ERR.MEAS= 0.63

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
R	1.64	1.69	2.02	1.00
ADJ. R	1.34	1.69	2.02	1.00
SERIAL CORREL	40	71	42	21
PERCENT MT	0	0	0	0
ITEM NO.	1	2	3	4
ITEM ST.DEV	0.00	0.00	0.00	0.75

LEVEL OF INDEPENDENCE -- [illegible]

1. [illegible] TEST [illegible]

SCALE STATISTICS:

MEAN =	7.77	ALPHA =	0.90	SAMPLE SIZE= 196
ST.DEV=	1.85	STD.MEAN=	0.13	

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.00	1.77	2.00	1.84
ADJ. P	2.00	1.77	2.00	1.84
SERIAL CORREL	50	43	42	16
PERCENT MI	0	0	0	0
ITEM NO.	1	2	3	4
ITEM ST.DEV	0.00	0.83	0.72	0.43

LEVEL OF INTERPRETATION: -- [illegible]

1. [illegible] TEST [illegible] (TEST)

SCALE STATISTICS:

MEAN = 0.19 ALPHA = 0.92 SAMPLE SIZE = 192
ST.DEV= 1.07 [illegible]= 1.00

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
[illegible]	2.20	1.90	2.22	1.81
DEL. P	2.21	1.90	2.22	1.81
SERIAL CORR:	36	37	31	32
[illegible]	0	0	0	0
ITEM NO.	1	2	3	4
ITEM ST.DEV	0.87	0.88	0.84	0.74

LEVEL OF INDEPENDENCE -- OBJECT 4

[illegible] [illegible] (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 8.61 ALPHA = 0.82 SCALE SIZE = 101
ST.DEV = 2.21 [illegible] = 2.21

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
R	2.21	2.32	2.21	1.00
ADJ. R	2.21	2.32	2.21	1.00
SERIAL CORREL	21	40	40	20
PERCENT '1	0	0	0	0
ITEM MC.	2	0	1	0
ITEM ST.DEV	0.84	0.83	0.83	0.00

LEVEL OF INTERPRETATION -- SCALE 1

.. BOOT TEST (4 ATTITUDE ITEMS)

SCALE STATISTICS:

ALPHA = 3.66 ALPHA = 0.00 SAMPLE SIZE= 97
ST.DEV= 1.22 STANDARDIZED 0.00

ITEM STATISTICS:

ITEM NO &	1	2	3	4
R	0.74	0.83	0.74	1.00
ALPHA	0.74	0.83	0.74	0.80
SERIAL CORREL	66	-02	00	-11
PERCENT AT	0	0	0	0
ITEM NO.	3	3	1	0
ITEM ST.DEV	0.65	0.75	0.59	0.00

[illegible]

2. [illegible]

[illegible]:

[illegible]

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.3%	2.4%	2.3%	1.2%
ADJ. P	2.3%	2.4%	2.3%	1.2%
SERIAL CORREL	23	29	23	23
[illegible]	0	0	0	0
ITEM NO.	3	0	1	0
ITEM ST.DEV	0.02	0.13	0.00	0.04

LEVEL OF INDEPENDENCE -- GRADE 4

3. DELAY TEST (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 3.80 ALPHA = 0.21 SAMPLE SIZE= 191
ST.DEV= 1.27 ERR.MEAS= 1.12

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.15	2.30	2.29	2.06
ADJ. P	2.15	2.30	2.29	2.06
SERIAL CORREL	.24	.03	.23	-.04
PERCENT AT	0	0	0	0
ITEM NO.	9	10	11	12
ITEM ST.DEV	0.93	0.77	0.84	0.96

LEVEL OF INDEPENDENCE -- GRADE 9

3. DELAY TEST (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN =	3.16	ALPHA	= 0.40	SAMPLE SIZE=	195
ST.DEV=	1.95	ERR.MEAS=	1.20		

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.33	2.37	2.33	2.11
ADJ. P	2.33	2.37	2.33	2.11
SERIAL CORREL	29	20	20	23
PERCENT NI	0	0	0	0
ITEM NO.	9	10	11	12
ITEM ST.DEV	0.99	0.71	0.84	0.83

LEVEL OF INDEPENDENCE -- GRADE 6

3. DELAY TEST (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 5.61 ALPHA = 0.40 SAMPLE SIZE= 192
ST.DEV= 1.44 STF.MEAS= 1.12

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.47	2.54	2.51	2.10
ADJ. P	2.47	2.54	2.51	2.10
SERIAL CORRL	33	15	41	14
PERCENT AT	0	0	0	0
ITEM RL.	9	10	11	12
ITEM ST.DEV	0.5[illegible]	0.[illegible]	0.[illegible]	0.[illegible]

Short Test of Educational Ability:

Verbal Ability Scale

SHORT TEST OF EDUCATIONAL ABILITY

VERBAL ABILITY -- GRADE 4

SCALE STATISTICS:

NUMBER OF CASES	=	191
NUMBER OF ITEMS	=	40
MEAN TOTAL SCORE	=	13.323
STANDARD DEVIATION	=	7.645
CRONBACH'S ALPHA	=	0.885
ERROR OF MEASUREMENT	=	2.550

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	R.B. BIS	PERCENT NT
1	0.774	0.814	0.517	7.330
2	0.613	0.671	0.562	10.995
3	0.634	0.715	0.614	13.613
4	0.742	0.812	0.413	10.995
5	0.570	0.654	0.526	12.183
6	0.565	0.633	0.412	13.089
7	0.430	0.494	0.501	15.183
8	0.403	0.487	0.512	19.372
9	0.495	0.575	0.504	10.230
10	0.349	0.404	0.713	13.707
11	0.226	0.288	0.502	25.560
12	0.398	0.525	0.532	20.178
13	0.387	0.465	0.632	18.848
14	0.382	0.511	0.495	27.225
15	0.285	0.376	0.811	20.176
16	0.285	0.396	0.445	29.843
17	0.452	0.556	0.502	20.178
18	0.247	0.329	0.488	28.702
19	0.339	0.463	0.623	28.796
20	0.392	0.553	0.272	30.890
21	0.360	0.424	0.544	17.277
22	0.210	0.339	0.684	39.791
23	0.253	0.362	0.698	31.937
24	0.194	0.321	0.625	41.361
25	0.280	0.423	0.690	35.602
26	0.258	0.387	0.478	33.079
27	0.199	0.356	0.398	43.550
28	0.177	0.306	0.438	43.455
29	0.172	0.258	0.414	33.079
30	0.231	0.406	0.491	44.503
31	0.231	0.398	0.529	43.455
32	0.210	0.375	0.603	43.350
33	0.172	0.320	0.488	47.644
34	0.263	0.476	0.411	40.073
35	0.172	0.291	0.251	42.408
36	0.172	0.291	0.503	42.408
37	0.113	0.193	0.614	42.934
38	0.215	0.381	0.423	43.026
39	0.242	0.405	0.607	41.635
40	0.177	0.306	0.502	43.455

NORMAL FINISH

SHORT TEST OF EDUCATIONAL ABILITY

VERBAL ABILITY -- GRADE 5

SCALE STATISTICS:

NUMBER OF CASES	=	196
NUMBER OF ITEMS	=	40
MEAN TOTAL SCORE	=	19.058
STANDARD DEVIATION	=	6.855
CRONBACH'S ALPHA	=	0.910
ERROR OF MEASUREMENT	=	2.050

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.502	0.511	0.642	2.551
2	0.782	0.803	0.689	4.082
3	0.876	0.904	0.759	4.592
4	0.756	0.824	0.773	4.592
5	0.751	0.810	0.604	8.673
6	0.648	0.651	0.583	7.653
7	0.658	0.706	0.790	8.163
8	0.617	0.669	0.766	9.184
9	0.627	0.658	0.669	6.122
10	0.580	0.619	0.800	7.653
11	0.368	0.430	0.582	15.816
12	0.570	0.647	0.668	13.265
13	0.560	0.600	0.615	8.163
14	0.560	0.643	0.813	14.286
15	0.461	0.514	0.706	11.735
16	0.347	0.456	0.304	25.000
17	0.560	0.621	0.565	11.224
18	0.301	0.360	0.538	17.857
19	0.440	0.512	0.513	15.306
20	0.518	0.625	0.117	16.327
21	0.482	0.503	0.556	5.816
22	0.363	0.476	0.602	23.000
23	0.409	0.465	0.591	15.265
24	0.326	0.412	0.660	21.939
25	0.472	0.542	0.624	14.286
26	0.358	0.406	0.615	13.776
27	0.326	0.434	0.405	26.020
28	0.363	0.455	0.556	21.429
29	0.301	0.339	0.426	12.755
30	0.332	0.403	0.669	18.878
31	0.425	0.509	0.507	17.857
32	0.368	0.467	0.441	22.449
33	0.337	0.419	0.472	20.918
34	0.352	0.430	0.475	19.388
35	0.275	0.335	0.409	19.388
36	0.275	0.317	0.375	14.796
37	0.311	0.395	0.451	22.449
38	0.332	0.403	0.274	16.878
39	0.487	0.564	0.556	17.857
40	0.301	0.367	0.383	19.388

NORMAL FINISH

SHORT TEST OF EDUCATIONAL ABILITY

VERBAL ABILITY --GRADE 6

SCALE STATISTICS:

NUMBER OF CASES	=	192
NUMBER OF ITEMS	=	40
MEAN TOTAL SCORE	=	25.132
STANDARD DEVIATION	=	9.141
CRONBACH'S ALPHA	=	0.924
ERROR OF MEASUREMENT	=	2.521

ITEM STATISTICS:

ITEM	P'S	ADJ. P'S	N.S. BIS	PERCENT NT
1	0.953	0.963	0.655	2.083
2	0.911	0.930	0.732	3.125
3	0.921	0.951	0.866	4.167
4	0.884	0.898	0.615	2.604
5	0.932	0.947	0.749	2.604
6	0.758	0.774	0.517	3.125
7	0.774	0.817	0.668	6.250
8	0.779	0.809	0.707	4.687
9	0.795	0.821	0.798	4.167
10	0.716	0.743	0.713	4.687
11	0.674	0.711	0.575	6.250
12	0.779	0.813	0.768	5.208
13	0.737	0.787	0.641	7.292
14	0.711	0.754	0.653	6.771
15	0.663	0.696	0.740	5.729
16	0.511	0.588	0.607	14.062
17	0.684	0.726	0.546	6.771
18	0.537	0.580	0.645	8.333
19	0.616	0.669	0.723	8.854
20	0.626	0.696	0.535	10.937
21	0.642	0.649	0.657	2.083
22	0.532	0.623	0.660	15.625
23	0.616	0.650	0.728	6.250
24	0.558	0.602	0.657	8.333
25	0.605	0.646	0.787	7.292
26	0.505	0.542	0.542	7.812
27	0.368	0.414	0.497	11.979
28	0.547	0.594	0.599	8.854
29	0.495	0.516	0.477	5.208
30	0.532	0.584	0.739	9.896
31	0.674	0.719	0.486	7.292
32	0.516	0.570	0.548	10.417
33	0.495	0.563	0.727	13.021
34	0.484	0.535	0.425	10.417
35	0.489	0.531	0.732	8.854
36	0.321	0.357	0.440	10.937
37	0.468	0.511	0.371	9.375
38	0.374	0.433	0.393	14.583
39	0.600	0.644	0.656	7.812
40	0.363	0.397	0.603	9.375

NORMAL FINISH

Social Climate Questionnaire:

Diversity Scale

Clarity Scale

Simplicity Scale

Pace Scale

Miscellaneous Scale

SOCIAL CLIMATE QUESTIONNAIRE -- GRADE 4

1. DIVERSITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 26.71 ALPHA = 0.61 SAMPLE SIZE= 191
ST.DEV= 4.40 ERR.MEAS= 2.75

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.99	2.83	2.77	2.85	3.06	2.50	2.68	2.71	2.24	[illegible]
ADJ. P	2.99	2.83	2.77	2.85	3.06	2.50	2.68	2.71	2.[illegible]	[illegible]
SERIAL CORREL	23	39	40	38	34	04	46	25	[illegible]	[illegible]
PERCENT NT	0	1	0	0	0	0	1	1		
ITEM NO.	1	8	11	14	18	24	33	35	[illegible]	[illegible]
ITEM ST.DEV	0.72	1.00	0.92	0.96	0.85	1.01	0.90	0.92	1.04	[illegible]

SOCIAL CLIMATE SCALES QUESTIONNAIRE - GRADE 5

1. DIVERSITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 24.13 ALPHA = 0.68 SAMPLE SIZE= 194
ST.DEV= 4.39 ERR.MEAS= 2.49

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.88	2.37	2.52	2.36	2.76	2.29	2.41	2.67	1.95	1.93
ADJ. P	2.88	2.36	2.52	2.36	2.76	2.29	2.41	2.67	1.95	1.92
SERIAL CORREL	07	44	39	59	34	40	47	31	33	27
PERCENT NT	0	1	1	0	2	0	0	0	1	1
ITEM NO.	1	8	11	14	18	24	33	35	39	41
ITEM ST.DEV	0.76	0.94	0.86	0.81	0.86	0.94	0.92	0.87	0.90	0.78

SOCIAL CLIMATE SCALES QUESTIONAIRE -- GRADE 6

1. DIVERSITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 25.56 ALPHA = 0.65 SAMPLE SIZE= 191
ST.DEV= 4.26 ERR.MEAS= 2.51

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.99	2.70	2.58	2.53	2.99	2.27	2.68	2.79	2.35	2.09
ADJ. P	2.99	2.70	2.58	2.53	2.99	2.27	2.67	2.79	2.34	2.08
SERIAL CORREL	28	37	45	60	29	-09	54	18	38	44
PERCENT MT	0	0	0	0	0	0	1	0	1	1
ITEM NO.	1	8	11	14	18	24	33	35	39	41
ITEM ST.DEV	0.69	0.91	0.80	0.87	0.84	0.89	0.86	0.86	1.02	0.88

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 4

2. CLARITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.25 ALPHA = 0.47 SAMPLE SIZE= 191
ST.DEV= 3.58 ERR.MEAS= 2.61

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.97	2.85	2.99	2.43	2.55	2.76	3.02	3.19	2.36	3.13
ADJ. P	2.97	2.85	2.99	2.43	2.56	2.76	3.02	3.20	2.35	3.14
SERIAL CORREL	36	40	10	07	17	01	33	47	03	33
PERCENT MT	1	0	1	0	1	1	1	1	1	2
ITEM NO.	2	4	10	19	22	29	31	37	38	43
ITEM ST.DEV	0.86	0.89	0.72	0.98	0.94	0.87	0.77	0.72	0.85	0.94

SOCIAL CLIMATE SCALES QUESTIONNAIRE- GRADE 5

2. CLARITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.30 ALPHA = 0.51 SAMPLE SIZE= 195
ST.DEV= 3.34 ERR.MEAS= 2.34

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.10	2.97	2.57	2.42	2.59	2.82	3.00	3.02	2.37	3.06
ADJ. P	3.11	2.97	2.97	2.41	2.59	2.82	3.00	3.02	2.37	3.06
SERIAL CORREL	35	38	23	00	30	29	14	41	11	22
PERCENT NT	1	1	2	1	1	1	1	0	1	0
ITEM NO.	2	4	10	19	22	29	31	37	38	43
ITEM ST.DEV	0.78	0.80	0.65	0.87	0.83	0.71	0.73	0.67	0.73	0.94

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 6

2. CLARITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 28.43 ALPHA = 0.61 SAMPLE SIZE= 191
ST.DEV= 3.50 ERR.MEAS= 2.16

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	3.19	3.05	2.97	2.29	2.67	2.66	3.01	3.00	2.38	3.20
ADJ. P	3.19	3.05	2.97	2.29	2.67	2.66	3.01	3.00	2.38	3.21
SERIAL CORREL	46	42	37	13	31	28	39	22	39	26
PERCENT NT	0	0	0	0	0	0	0	0	0	1
ITEM NO.	2	4	10	19	22	29	31	37	38	43
ITEM ST.DEV	0.71	0.69	0.70	0.86	0.79	0.77	0.64	0.59	0.71	0.87

SOCIAL CLIMATE SCALES QUESTIONNAIRE - GRADE 4

3. SIMPLICITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 21.12 ALPHA = 0.56 SAMPLE SIZE= 191
ST.DEV= 3.85 ERR.MEAS= 2.50

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.00	2.05	1.80	1.91	2.48	2.28	1.84	1.93	2.27	2.56
ADJ. P	2.00	2.05	1.80	1.91	2.48	2.28	1.84	1.92	2.27	2.56
SERIAL CORREL	36	22	40	43	42	21	27	49	-10	25
PERCENT NT	1	0	0	1	1	1	1	1	1	2
ITEM NO.	3	7	13	16	21	25	26	30	36	42
ITEM ST.DEV	0.89	0.81	0.94	0.74	0.87	0.89	0.62	0.86	0.94	0.84

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 5

3. SIMPLICITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 21.25 ALPHA = 0.46 SAMPLE SIZE= 194
ST.DEV= 3.14 ERR.MEAS= 2.31

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.05	1.98	1.70	1.95	2.52	2.28	1.96	1.92	2.29	2.56
ADJ. P	2.05	1.97	1.70	1.95	2.52	2.28	1.98	1.91	2.30	2.56
SERIAL CORREL	30	10	24	28	27	17	17	30	-08	30
PERCENT AT	0	1	0	1	0	0	0	2	1	0
ITEM NO.	3	7	13	16	21	25	2o	30	36	42
ITEM ST.DEV	0.77	0.72	0.81	0.66	0.80	0.79	0.65	0.79	0.81	0.79

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 6

3. SIMPLICITY (10 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 20.56 ALPHA = 0.58 SAMPLE SIZE= 191
ST.DEV= 3.40 ERR.MEAS= 2.22

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9	10
P	2.03	2.06	1.62	1.93	2.46	2.53	1.97	1.88	2.07	2.41
ADJ. P	2.03	2.06	1.62	1.93	2.46	2.53	1.97	1.88	2.07	2.42
SERIAL CORREL	42	11	43	29	31	35	33	38	-14	42
PERCENT NT	1	0	0	1	0	0	0	0	0	1
ITEM NO.	3	7	13	16	21	25	26	30	36	42
ITEM ST.DEV	0.74	0.75	0.73	0.59	0.81	0.84	0.61	0.78	0.79	0.80

SOCIAL CLIMATE SCALES QUESTIONNAIRE-- GRADE 4

4. PACE (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 24.68 ALPHA = 0.40 SAMPLE SIZE= 191
ST.DEV= 3.25 ERR.MEAS= 2.51

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	3.06	2.92	2.31	2.54	2.43	2.94	3.07	2.92	2.49
ADJ. P	3.07	2.92	2.31	2.54	2.44	2.95	3.07	2.92	2.49
SERIAL CORREL	16	15	10	25	32	08	23	20	07
PERCENT NT	1	1	1	0	1	1	1	1	2
ITEM NO.	6	9	12	15	20	23	27	28	34
ITEM ST.DEV	0.90	0.85	0.84	0.90	0.96	0.87	0.74	0.79	0.94

SOCIAL CLIMATE SCALES QUESTIONNAIRE - GRADE 5

4. PACE (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 23.84 ALPHA = 0.56 SAMPLE SIZE= 194
ST.DEV= 3.61 ERR.MEAS= 2.38

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	2.82	2.80	2.28	2.51	2.14	2.89	3.08	2.88	2.42
ADJ. P	2.82	2.80	2.28	2.51	2.14	2.89	3.09	2.88	2.42
SERIAL CORREL	22	33	11	29	30	08	46	46	34
PERCENT NT	1	0	0	1	0	0	1	0	0
ITEM NO.	6	9	12	15	20	23	27	28	34
ITEM ST.DEV	0.92	0.82	0.87	0.93	0.94	0.75	0.69	0.74	0.93

SOCIAL CLIMATE SCALES QUESTIONNAIRE - GRADE 6

4. PACE (9 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 24.37 ALPHA = 0.54 SAMPLE SIZE= 191
ST.DEV= 3.45 ERR.MEAS= 2.34

ITEM STATISTICS:

ITEM INDEX	1	2	3	4	5	6	7	8	9
P	3.02	2.65	2.43	2.53	2.32	2.99	3.18	2.91	2.34
ADJ. P	3.02	2.65	2.43	2.53	2.32	2.99	3.18	2.91	2.34
SERIAL CORREL	33	18	32	20	34	-01	48	31	26
PERCENT NT	0	1	0	0	0	0	0	0	1
ITEM NO.	6	9	12	15	20	23	27	28	34
ITEM ST.DEV	0.86	0.83	0.87	0.93	0.92	0.69	0.63	0.74	0.93

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 4

5. MISCELLANEOUS ITEMS (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 11.07 ALPHA = 0.10 SAMPLE SIZE= 191
ST.DEV= 1.82 ERR.MEAS= 1.73

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.72	2.90	2.55	2.90
ADJ. P	2.72	2.90	2.55	2.90
SERIAL CORREL	31	13	-07	-09
PERCENT AT	1	1	1	1
ITEM NO.	5	17	32	40
ITEM ST.DEV	0.87	0.90	0.89	0.83

SOCIAL CLIMATE SCALES QUESTIONNAIRE— GRADE 5

5. MISCELLANEOUS ITEMS (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN = 11.35 ALPHA = 0.25 SAMPLE SIZE= 195
ST.DEV= 1.73 ERR. MEAS= 1.49

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	3.00	3.00	2.42	2.93
ADJ. P	3.01	3.01	2.42	2.94
SERIAL CORREL	22	25	00	16
PERCENT NT	2	1	0	1
ITEM NO.	5	17	32	40
ITEM ST.DEV	0.75	0.72	0.90	0.73

SOCIAL CLIMATE SCALES QUESTIONNAIRE -- GRADE 6

5. MISCELLANEOUS ITEMS (4 ATTITUDE ITEMS)

SCALE STATISTICS:

MEAN =	11.13	ALPHA =	0.17	SAMPLE SIZE=	191
ST.DEV=	1.72	ERR.MEAS=	1.57		

ITEM STATISTICS:

ITEM INDEX	1	2	3	4
P	2.87	2.95	2.48	2.83
ADJ. P	2.87	2.95	2.46	2.83
SERIAL CORREL	23	18	-03	04
PERCENT AT	0	0	0	0
ITEM NO.	5	17	32	40
ITEM ST.DEV	0.76	0.74	0.85	0.86

STUDENT PRODUCT EVALUATION

Listing of products ordered by median and range for:

Global Quality
Cognitive Quality
Originality
Variety of Resources

Listing of Student Products Ordered
By Median & Range for Global Quality

Product	Median	Range	Product	Median	Range	Product	Median	Range
21*	1.14	1	10	5.25	5	55	7.0	3
85	2.75	5	84	5.33	1	63	7.0	3
58*	3.0	2	34	5.33	2	15	7.0	4
33	3.25	2	23	5.67	2	39	7.0	4
06	2.33	2	30	5.75	3	31	7.0	5
03	3.33	2	83	5.75	4	87*	7.13	1
11	3.75	3	09	6.0	3	41	7.25	2
28	3.75	4	50	6.0	3	14	7.25	4
04	3.75	4	45	6.0	3	27	7.33	1
44	4.0	2	29	6.0	3	70	7.67	2
61	4.0	5	82	6.0	3	75	7.67	3
88	4.0	6	71	6.0	4	48	7.67	3
49	4.0	6	24	6.0	4	54	7.67	4
02	4.13	2	32	6.0	4	22	7.67	4
53	4.13	2	62	6.0	4	79	7.75	3
38	4.25	2	37	6.0	4	05	7.75	3
56	4.25	6	40	6.0	5	66	7.75	4
89	4.75	3	81	6.0	6	43	7.75	4
86	4.67	2	73	6.0	7	51	8.0	2
01	4.75	2	57	6.25	3	46	8.0	3
69	4.75	3	80	6.25	3	25	8.0	3
67	4.75	3	26	6.25	4	08	8.0	5
52	4.75	4	42	6.67	3	47	8.25	3
36	4.87	2	68	6.75	3	07	8.25	3
18*	4.88	1	64	6.75	5	17	8.33	1
19	5.0	4	35	6.87	1	77	8.67	2
76	5.0	5	72	7.0	2	13	8.83	4
60	5.0	5	12	7.0	3	65	8.87	1
59	5.25	3	16	7.0	3	78*	9.0	0
			20	7.0	3			

*Standard product for this dimension

Listing of Student Products Ordered
By Median & Range for Cognitive Quality

Product	Median	Range	Product	Median	Range	Product	Median	Range
21*	2.0	0	69	4.75	3	59	6.25	3
04	2.25	3	54	5.0	3	43	6.25	4
33	2.33	1	42	5.0	3	66	6.25	4
06	2.33	2	73	5.0	4	70	6.33	1
52	2.33	3	01*	5.13	1	08	6.5	3
11	3.0	3	62	5.25	2	37	6.67	2
85	3.0	3	63	5.25	2	20	6.67	5
88	3.0	4	86	5.25	2	47	6.67	2
18	3.25	2	22	5.25	2	80	6.75	3
03	3.25	3	15	5.25	3	34	6.75	3
83	3.25	3	89	5.25	3	16	6.75	4
53	3.25	3	12	5.25	4	48	6.75	4
49	3.33	3	87	5.33	2	14	6.88	2
19	3.5	4	30	5.5	3	26	7.0	2
82*	3.75	2	76	5.67	2	29	7.0	2
81	3.75	2	40	5.65	4	79	7.0	2
71	3.75	3	56	5.67	2	46	7.0	3
38	3.75	3	64	5.75	2	72	7.0	3
58	4.0	4	39	5.75	3	31	7.0	3
61	4.0	4	45	5.75	3	05	7.0	3
67	4.25	2	32	5.75	3	50	7.0	7
09	4.25	3	23	5.75	3	77*	7.13	1
28	4.25	3	60	5.75	4	41	7.25	2
02	4.25	4	17	6.0	2	27	7.33	1
84	4.33	1	35	6.0	3	25	7.67	2
44	4.33	1	68	6.0	3	51	7.67	3
10	4.67	1	57	6.0	3	07	7.75	3
24	4.75	4	75	6.0	3	13	8.0	4
36	4.75	4	55	6.0	4	65	8.67	3
						78*	8.88	0

*Standard product for this dimension

Listing of Student Products Ordered
By Median & Range for Originality

Product	Median	Range	Product	Median	Range	Product	Median	Range
21*	1.0	0	69	4.13	3	47	5.33	1
33	1.33	1	28	4.25	2	63	5.33	2
06	1.33	3	58	4.25	3	87	5.25	3
88	1.33	4	82	4.25	3	05	5.67	1
44	2.0	2	83	4.25	4	64	5.67	3
59	2.0	5	76	4.25	4	75	5.75	2
80	2.33	2	19	4.67	2	68	6.0	3
37	2.75	3	35	4.67	3	48	6.0	5
81	2.75	4	14	4.67	4	30	6.25	3
89	3.0	3	24	4.75	2	40	6.25	3
61	3.0	4	11	4.75	3	70	6.33	1
04	3.0	5	32	4.75	3	09	6.33	1
01	3.25	4	12	4.75	4	71	6.33	2
49	3.25	4	23	4.75	4	62	6.67	3
85	3.25	4	41	4.75	4	72	6.67	3
45*	3.33	1	16	5.0	2	22	6.75	4
02	3.5	2	43*	5.0	2	66	6.75	5
54	3.75	3	27	5.0	3	56*	7.0	2
29	3.75	4	38	5.0	4	07	7.0	4
50	3.75	4	39	5.0	4	79	7.0	4
57	3.88	2	51	5.0	4	15	7.25	3
53	4.0	2	52	5.0	5	13	7.25	5
03	4.0	3	67	5.25	3	84	7.67	3
55	4.0	3	25	5.25	3	26	7.67	6
18	4.0	4	46	5.25	3	73	7.75	4
36	4.0	4	42	5.25	4	77	8.0	3
34	4.0	4	60	5.25	4	78	8.0	5
31	4.0	5	08	5.25	5	20	8.25	3
86	4.0	5	10	5.33	1	65	8.5	1
						17*	9.0	0

*Standard product for this dimension

Listing of Student Products Ordered
By Median & Range for Variety of Resources

Product	Median	Range	Product	Median	Range	Product	Median	Range
33*	1.0	0	12	2.75	5	42*	4.67	3
88	1.0	0	54	3.0	2	08	5.0	4
21	1.0	0	45	3.0	2	46	5.0	4
44	1.13	1	51	3.0	3	31	5.0	4
06	1.33	1	38	3.0	4	75	5.0	4
37	1.75	2	16	3.0	4	71	5.0	5
81	1.75	3	86	3.0	4	62	5.0	5
41	1.75	4	28	3.0	4	05	5.25	3
50	1.75	4	10*	3.13	1	60	5.25	3
89	1.75	4	34	3.25	4	09	5.25	4
04	1.75	5	87	3.25	4	68	5.25	4
85	1.88	1	53	3.25	4	20	5.67	3
36	2.0	2	30	3.33	5	79	6.0	2
59	2.0	3	32	3.67	2	40	6.0	4
58	2.0	3	80	3.67	2	07	6.0	4
02	2.0	4	55	3.75	3	84	6.0	4
61	2.13	1	35	3.75	3	17	6.0	4
83	2.13	1	27	3.75	3	66	6.0	5
01	2.25	2	39	4.0	3	56*	6.25	2
14	2.25	2	67	4.0	3	63	6.25	3
29	2.25	2	11	4.0	3	26	6.75	3
52	2.25	4	47	4.0	4	15	6.75	4
18	2.25	4	69	4.0	4	73	6.75	5
03	2.33	1	25	4.0	4	72	6.75	6
57	2.33	3	19	4.0	5	13	7.0	4
82	2.33	4	49	4.25	3	48	7.0	4
43	2.75	2	76	4.25	4	22	7.67	3
24	2.75	3	70	4.25	5	65	8.0	6
23	2.75	4	64	4.25	5	77*	8.25	2
						78	8.67	3

*Standard product for this dimension

STUDENT PRODUCT EVALUATION

Descriptions of Standard Products for

Global Quality
Cognitive Quality
Originality
Variety of Resources

DESCRIPTION OF STANDARD PRODUCTS

GLOBAL QUALITY

Standard 1 - Project 21 (M=1.14, R=1)*

One page report in a colorful binder. The report was two paragraphs. The project may not have been complete since there are 4 or 5 blank pages in the report. Since the purpose of the project is not clear, the entire report follows verbatim:

Washington

Each governor do not work together as a cabinet under the leadership of the governor. Each governor is responsible to the voters. All members are serve 4 year terms. There are 99 representative and 49 senators of the maximum numbers. The supreme court of Washington is the highest court include superior justice and potice courts.

History

Many Indians lived in the Washington region before the white man came. Indian groups lived on the plains and in river valleys. The coastal Indians lived west of Cascade Mountains.

Standard 2 - Project 58 (M=3.0, R=2)

This project was a poster which had drawings and paintings of a thatched hut, earth lodge, pole and bark long house, wigwam of bark and rushes and a pueblo building. All pictures were labelled.

Standard 3 - Product 18 (M=4.88, R=1)

This project consisted of two posters; one showing three birds on a branch of a tree with their nest, the other showing 36 different flags, including state flags, U.S. flag, Confederate flag. Both posters

* M=median, R=range

were hand drawn and carefully painted. The purpose is unknown, but it is guessed that the student(s) was studying different flags and birds of the U.S.

Standard 4 - Product 87 (M=7.13, R=1)

A project on the State of Wisconsin which included a written report and two murals. The report discussed the history, cities, people and customs, population, economy, capitol, climate, water, and governors of Wisconsin. It included drawings of the state flag, bird and flowers. One mural was a painted drawing of the state flag, the other a painted map of the state. The map showed the capital and major cities and rivers. Both murals were large, about 2' x 3'.

Standard 5 - Project 78 (M=9.0, R=0)

A study of China and Japan. The project included: (1) a report, (2) three posters, (3) a map, (4) coins, (5) food. The report includes maps, history, flags, currency, leaders, food and food traditions of China and Japan as well as a map of the Great Wall, color illustrations of flags and a bibliography. The three posters were flags of China, Taiwan, and Japan made of heavy construction paper. The map was a ditto of a world map with the countries identified by colored pencil. The student also brought to the class a collection of Oriental coins and currency and Chinese New Year food to share with the class.

COGNITIVE QUALITY

Standard 1 - Product 21 (M=2.0, R=0)

One page report in a colorful binder. The report was two paragraphs. The project may not have been complete since there are 4 or 5 blank pages in the report. Since the purpose of the project is not clear, the entire report follows verbatim:

Washington

Each governor do not work together as a cabinet under the leadership of the governor. Each governor is responsible to the voters. All members are serve 4 year terms. There are 99 representative and 49 senators of the maximum numbers. The supreme court of Washington is the highest court include superior justice and potice courts.

History

Many Indians lived in the Washington region before the white man came. Indian groups lived on the plains and in river valleys. The coastal Indians lived west of Cascade Mountains.

Standard 2 - Product 82 (M=3.75, R=2)

A colorful poster explaining the daily nutrition requirements. The poster includes drawings of a food from each food group.

Standard 3 - Product 1 (M=5.13, R=1)

A comparison of the lives of Andrew Johnson and Andrew Jackson. The project includes a one page biography for Johnson and one for Jackson, and a chart which shows important dates, events or biographic information for each (e.g., ancestry, date of birth, marriage, education, political party).

Standard 4 - Product 77 (M=7.13, R=1)

A project comparing transportation in California and Mexico. It includes a report which covers air, sea, and land transportation. The report has pictures of land transportation in Mexico and in California and has road maps from Mexico and California attached to the back cover. Besides the report, the project has a display which is made up of a poster showing an example of air, sea and land transportation in Mexico and California and two models. One model is a sports car and the other is a wooden mule cart filled with artificial plants.

Standard 5 - Product 78 (M=8.88, R=0)

A study of China and Japan. The project included: (1) a report, (2) three posters, (3) a map, (4) coins, (5) food. The report includes maps, history, flags, currency, leaders, food and food traditions of China and Japan as well as a map of the Great Wall, color illustrations of flags and a bibliography. The three posters were flags of China, Taiwan, and Japan made of heavy contruction paper. The map was a ditto of a world map with the countries identified by colored pencil. The student also brought to the class a collection of Oriental coins and currency and Chinese New Year food to share with the class.

ORIGINALITY

Standard 1 - Product 21 (M-1.0, R=0)

One page report in a colorful binder. The report was two paragraphs. The project may not have been complete since there are 4 or 5 blank pages in the report. Since the purpose of the project is not clear, the entire report follows verbatim:

Washington

Each governor do not work together as a cabinet under the leadership of the governor. Each governor is responsible to the voters. All members are serve 4 year terms. There are 99 representative and 49 senators of the maximum numbers. The supreme court of Washington is the highest court include superior justice and potice courts.

History

Many Indians lived in the Washington region before the white man came. Indian groups lived on the plains and in river valleys. The coastal Indians lived west of Cascade Mountains.

215

Standard 2 - Product 45 (M=3.33, R=1)

A project on elephants and lions. Contains drawings of elephants and lions, a one page description of elephants, and one page comparison of elephants and lions.

216

Standard 3 - Product 43 (M=5.0, R=2)

A report comparing the lives of Abraham Lincoln and John F. Kennedy. The report is made up of three sections, a biography of Abraham Lincoln (including a picture of Lincoln), and a biography of Kennedy (including a picture of Kennedy) and a comparison of the lives of Lincoln and Kennedy.

Standard 4 - Product 56 (M=7.0, R=2)

A comparison of teenagers of the 50's to teenagers of the 70's. The project is one notebook which begins with a sample of an interview/questionnaire. Although it is not explained, it is assumed the interview was given to people who were teenagers in the 1950's. The notebook uses cut out pictures to compare toys, clothes, houses, cars, smoking (cigars versus TRUE cigarettes) from the 50's and 70's. Popular records of the 50's and 70's are represented by construction paper 45 RPM records with the title and artist on the label.

Standard 5 - Product 17 (M=9.0, R=0)

A mobile of two great men--Thomas Edison and Ben Franklin. The mobile is made with shapes cut from heavy construction board. Each shape has a picture and/or fact about Edison and Franklin (one on each side). The lives of the two men start at the top of the mobile with date and place of birth and work down the mobile through schooling, marriage, inventions, and date of death.

USE OF A VARIETY OF RESOURCES

Standard 1 - Product 33 (M=1.0, R=0)

A comparison of two educators--Sarita Sota Zajirek (the first Mexican American to each a Ph.D.) and Mary M. Bethune (founder of the first Black school). The project is on one page of lined paper, divided into two columns (one for each educator). The columns provide the name, contribution, date of birth and education of each educator.

Standard 2 - Product 10 (M=3.13, R=1)

The project is made up of four folders, one each on Hawaii, the Netherlands, Vietnam, and Mexico. Each folder is made of construction paper with a colored drawing of a woman in native dress from the state/country studied. Each folder contains a one page description of something about the state/country (the descriptions vary but include such topics as sports, customs, food).

Standard 3 - Product 42 (M=4.67, R=3)

A project on transportation presented in a large (1' x 2') binder. The first page lists three types of transportation (air, land, water). The remaining pages are drawings of examples of each type of transportation. The examples include a donkey cart, a 1903 Ford, the Chicago El train, air balloons, a ship, a raft of coconuts and a kayak of seal skin.

Standard 4 - Product 56 (M=6.25, R=2)

A comparison of teenagers of the 50's to teenagers of the 70's. The project is one notebook which begins with a sample of an interview/questionnaire. Although not explained, it is assumed the interview was given to people who were teenagers in the 1950's. The notebook uses cut out pictures to compare toys, clothes, houses, cars, smoking (cigars versus TRUE cigarettes) from the 50's and 70's. Popular records of the 50's and 70's are represented by construction paper 45 RPM records with the title and artist on the label.

Standard 5 - Product 77 (M=8.25, R=2)

A project comparing transportation in California and Mexico. It includes a report which covers air, sea, and land transportation. The report has pictures of land transportation in Mexico and in California and has road maps from Mexico and California attached to the back cover. Besides the report, the project

has a display which is made up of a poster showing an example of air, sea and land transportation in Mexico and California and two models. One model is a sports car and the other is a wooden mule cart filled with artificial plants.